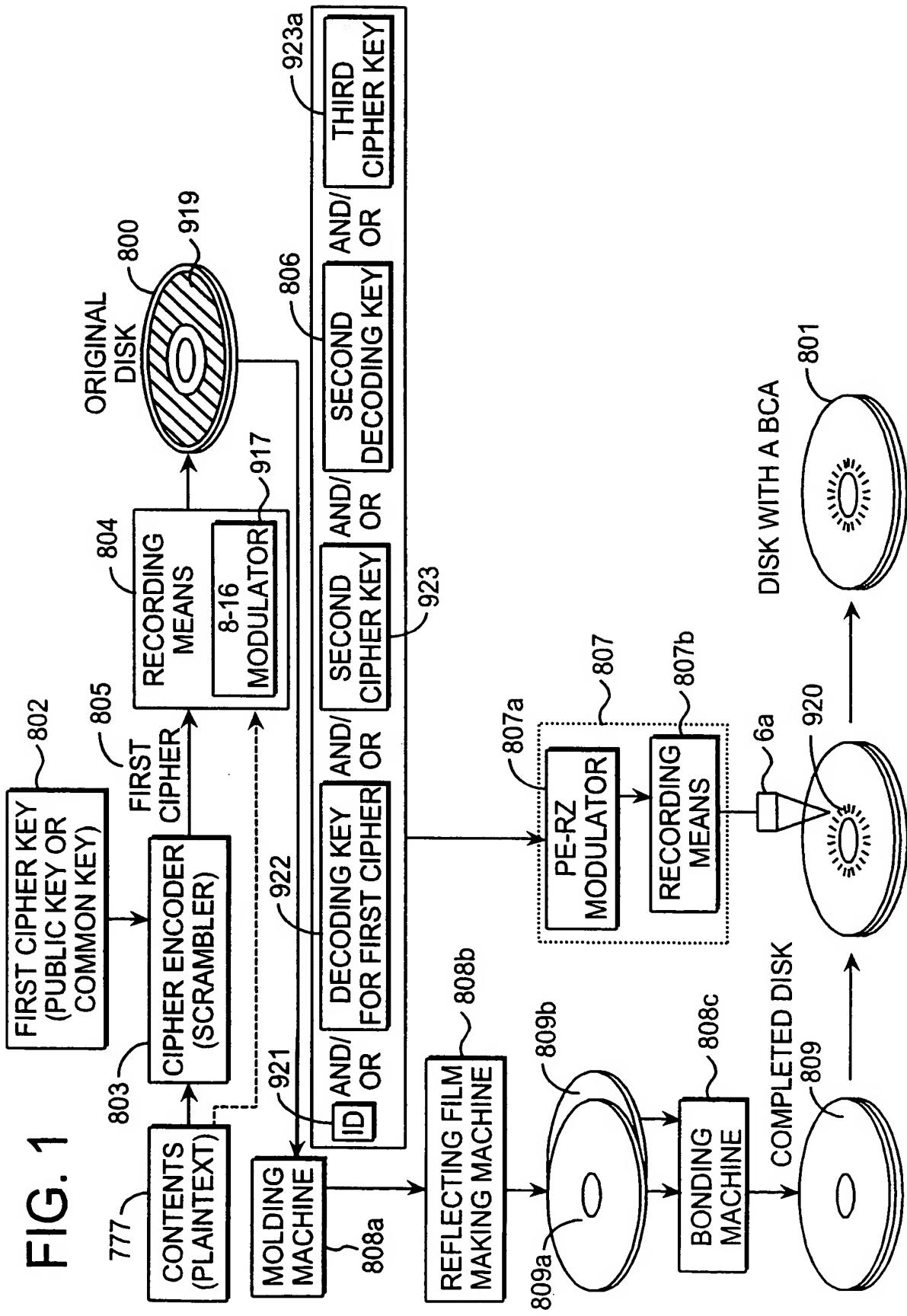
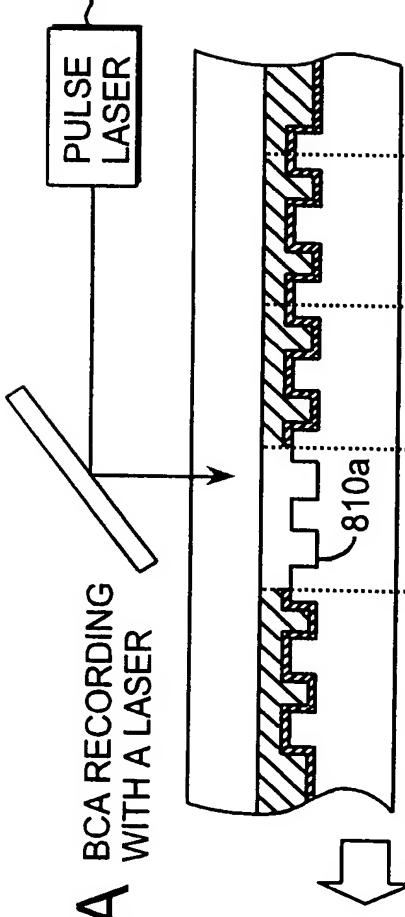


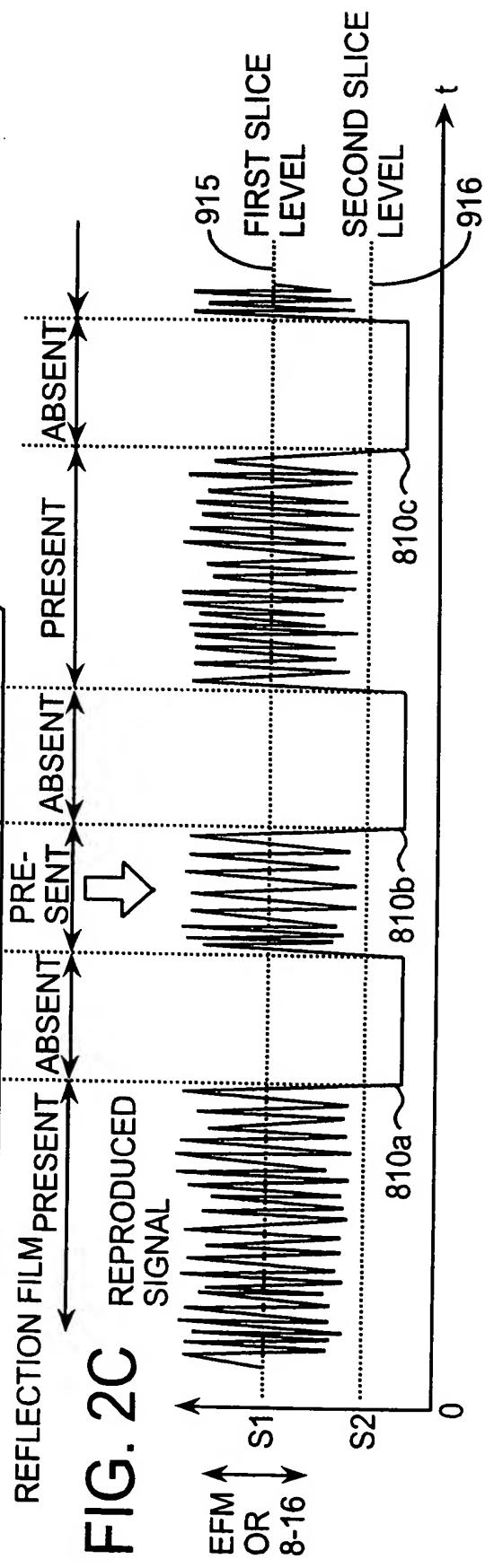
**FIG. 1**



**FIG. 2A** BCA RECORDING WITH A LASER

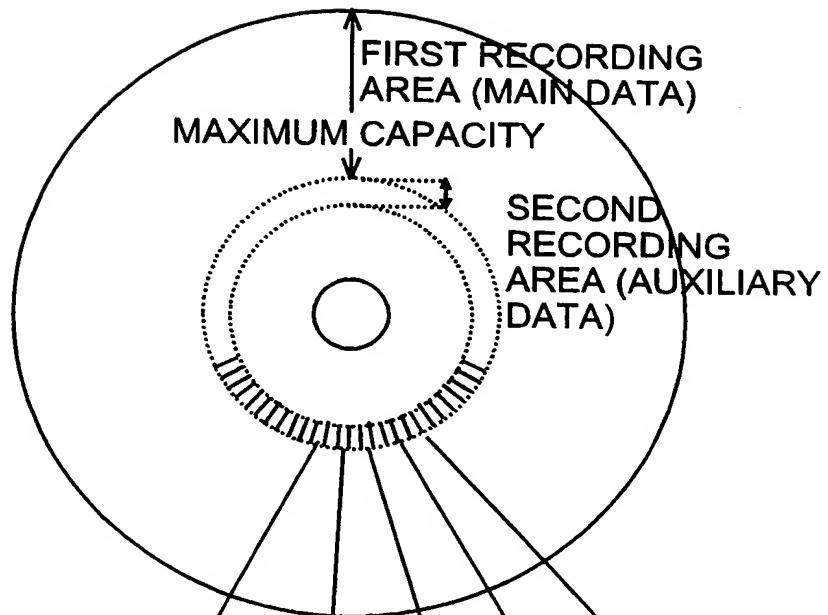


**FIG. 2B** AFTER BCA RECORDING



**FIG. 3A**

TOP PLAN

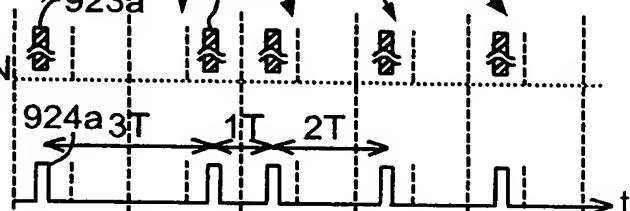


**FIG. 3B**

BAR CODE  
PE MODULATION  
RECORDED SIGNAL

**FIG. 3C**

RECORDED  
SIGNAL



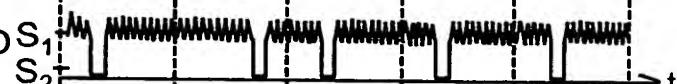
**FIG. 3D**

RECORDED  
DATA

REPRODUCED SIGNAL

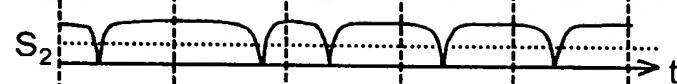
**FIG. 3E**

REPRODUCED  
SIGNAL



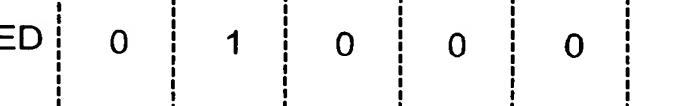
**FIG. 3F**

FILTERED

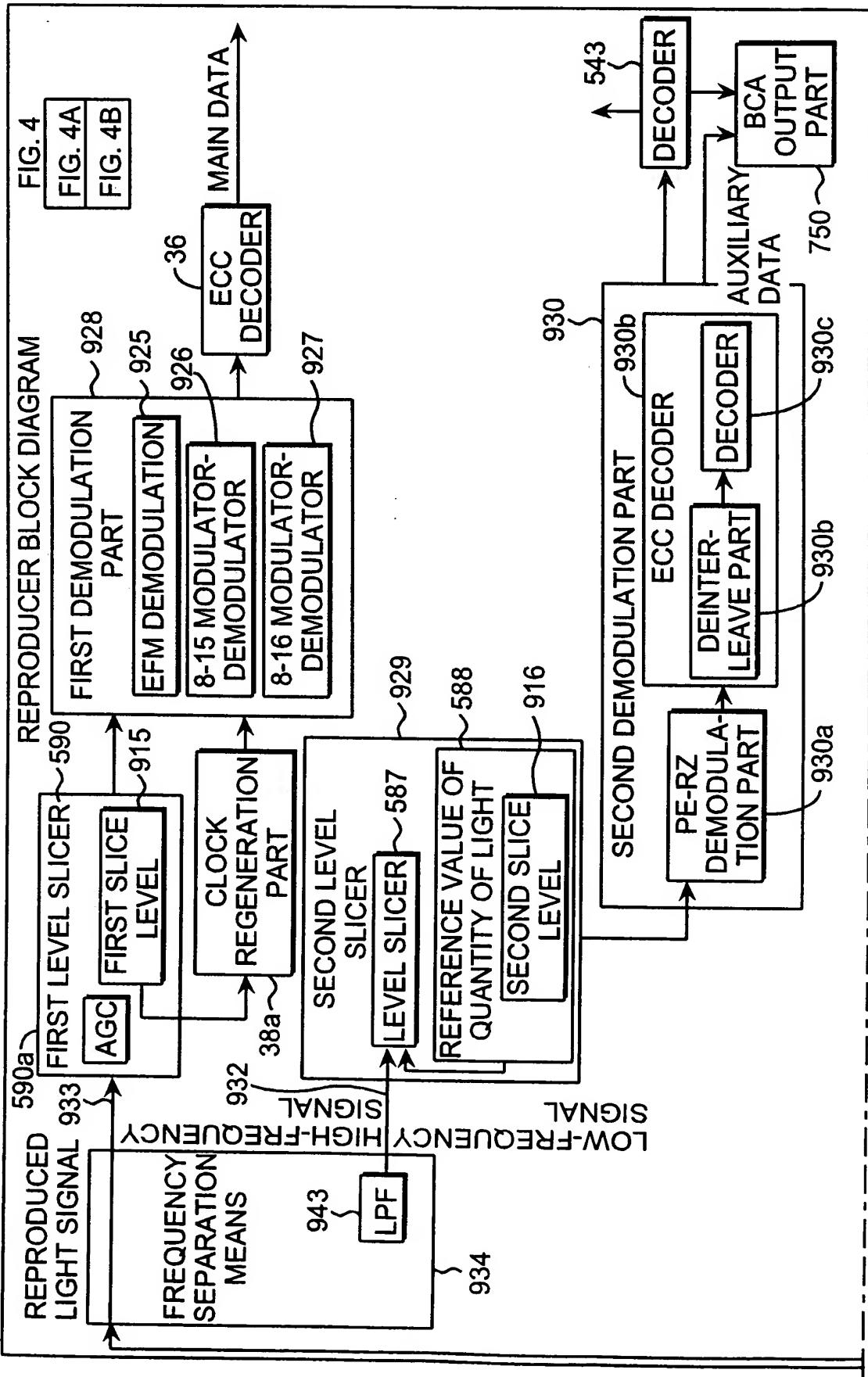


**FIG. 3G**

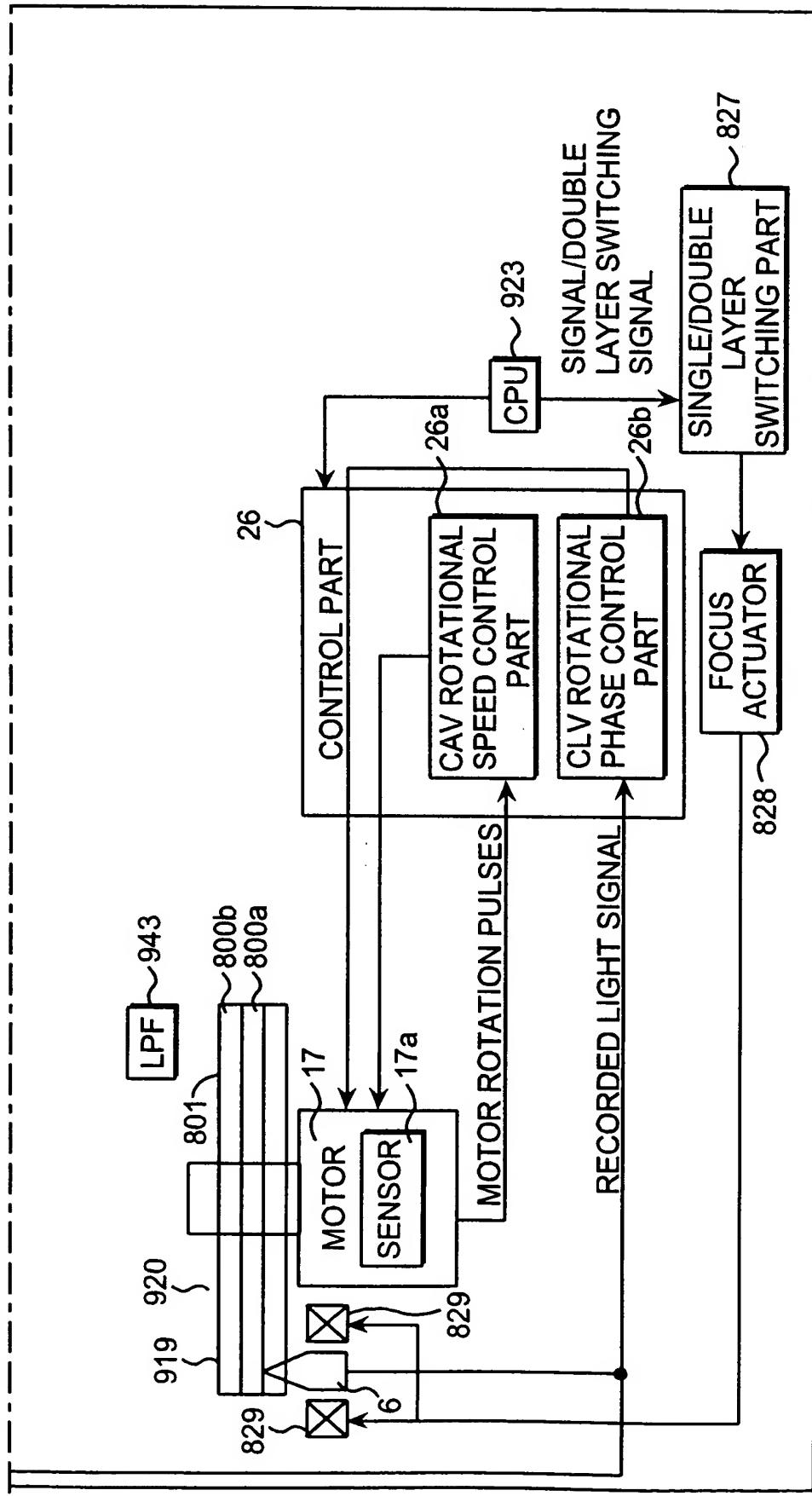
REPRODUCED  
DATA



**FIG. 4A**

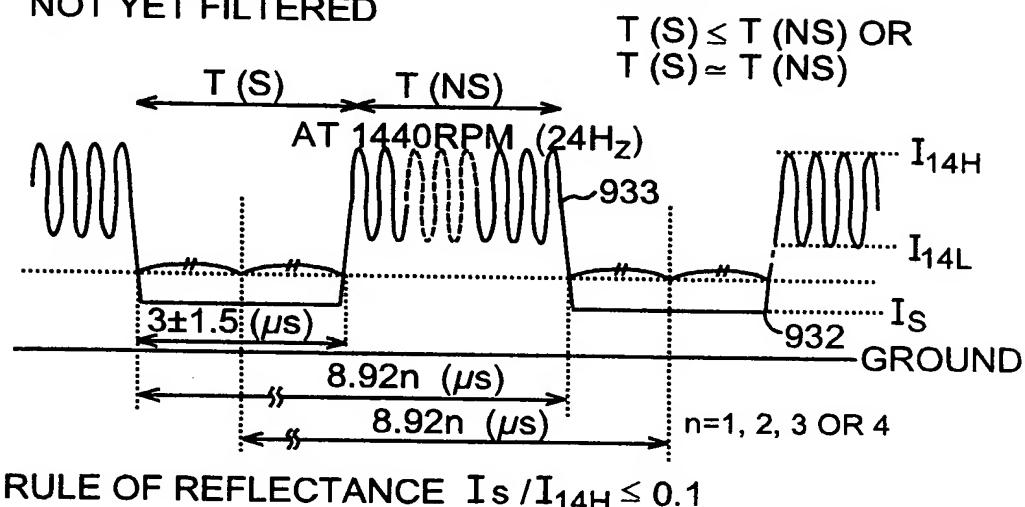


**FIG. 4B**



# FIG. 5A

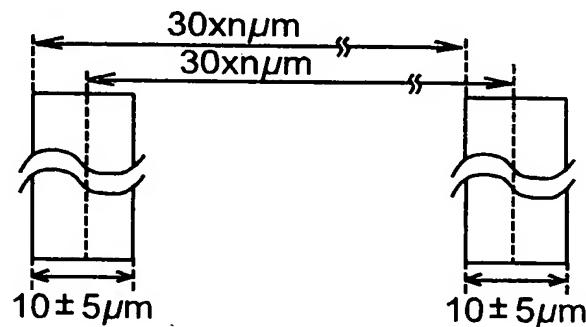
WAVEFORM OF REPRODUCED SIGNAL  
NOT YET FILTERED



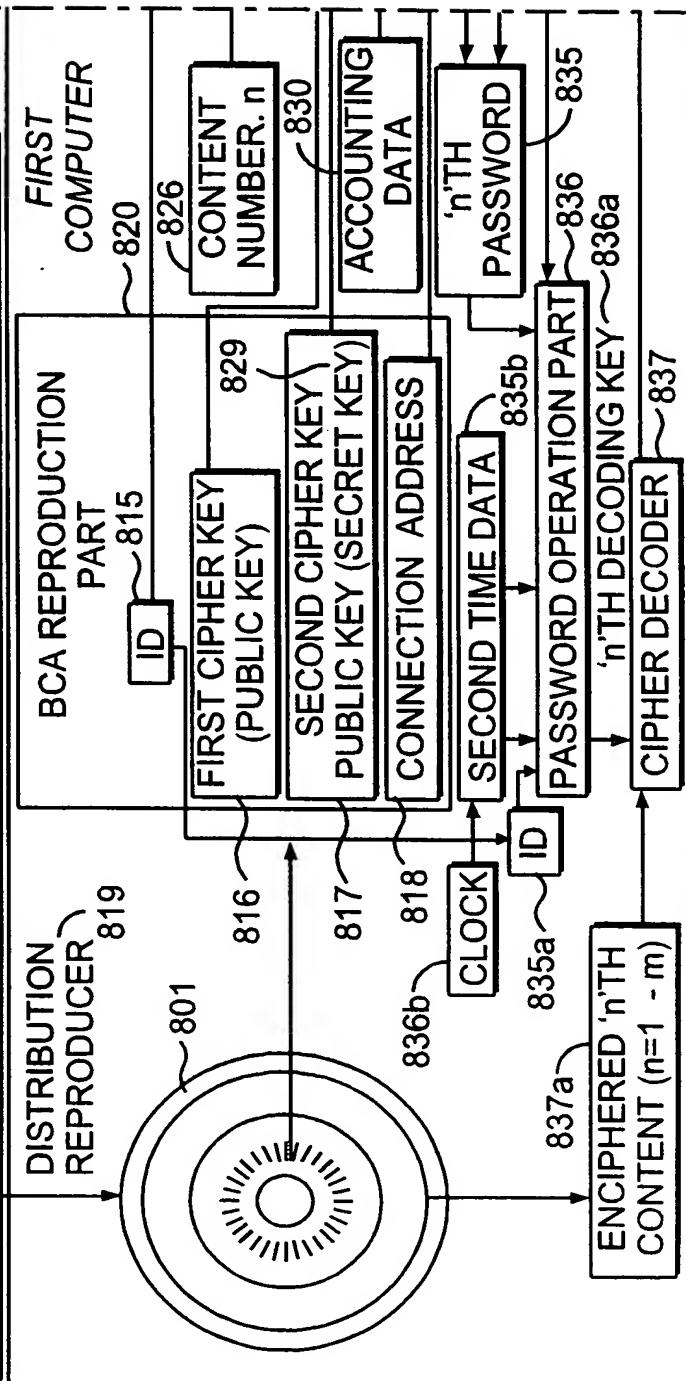
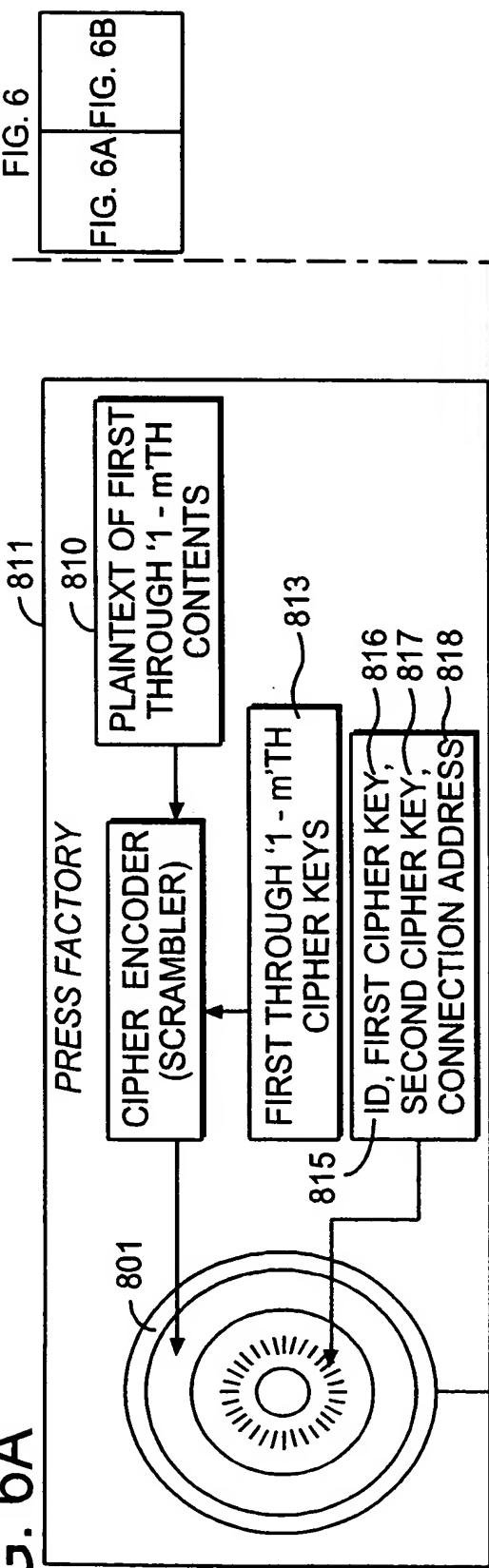
RULE OF REFLECTANCE  $I_S / I_{14H} \leq 0.1$

# FIG. 5B

SLIT DIMENSION ACCURACY (PRECISION)  
(AT  $r=22.2\text{mm}$ )



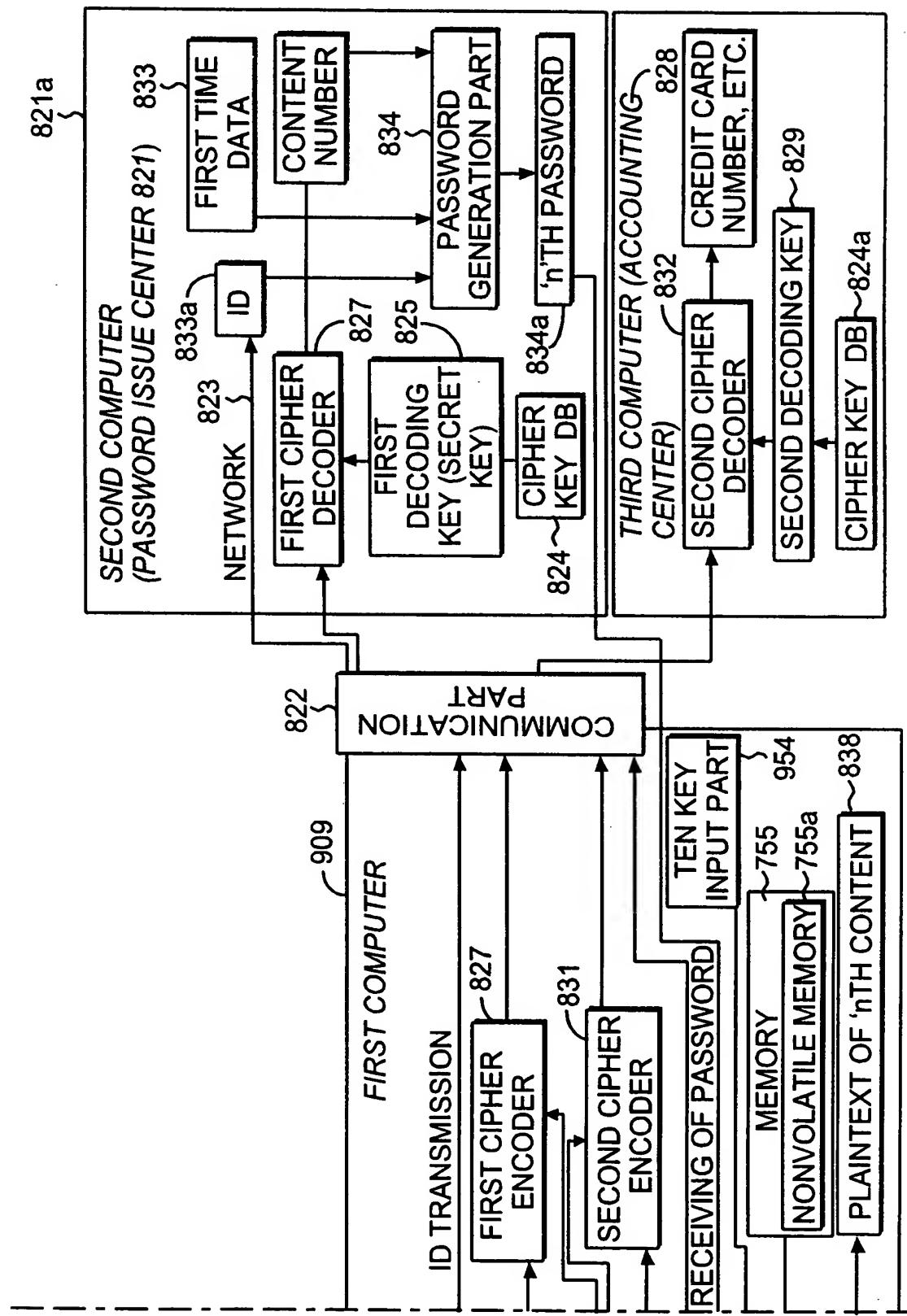
**FIG. 6A**



**FIG. 6**



**FIG. 6B**



**FIG.  
7A**

BCA (188BYTES)

ID 16B	FIRST CIPHER KEY PUBLIC KEY ELLIPTIC FUNCTION 22B	SECOND CIPHER KEY RSA SYSTEM PUBLIC KEY CIPHER CIPHER KEY 128B (RSA 1024)	CONNEC- TION ADDRESS 8B	SPARE 14B
-----------	--	--	----------------------------------	--------------

815a

816a

818a

BCA (188BYTES)

ID 4B	FIRST CIPHER KEY PUBLIC KEY ELLIPTIC FUNCTION 22B	SECOND CIPHER KEY (THIRD CIPHER KEY) RSA SYSTEM PUBLIC KEY CIPHER CIPHER KEY 128B (RSA 1024)	CONNEC- TION ADDRESS 8B	SPARE 6B
----------	--	---	----------------------------------	-------------

815b

817b

818b

**FIG.  
7C**

ID 16B	FIRST CIPHER KEY PUBLIC KEY ELLIPTIC CIPHER 22B	THIRD CIPHER KEY ELLIPTIC CIPHER 22B	FIRST SIGNATURE KEY ELLIPTIC CIPHER 22B	FIRST CIPHER KEY ELLIPTIC CIPHER 22B	THIRD CIPHER KEY ELLIPTIC CIPHER 22B	THIRD CIPHER KEY ELLIPTIC CIPHER 22B	SPARE 6B
-----------	--	---	--	---	---	---	-------------

816c

816d

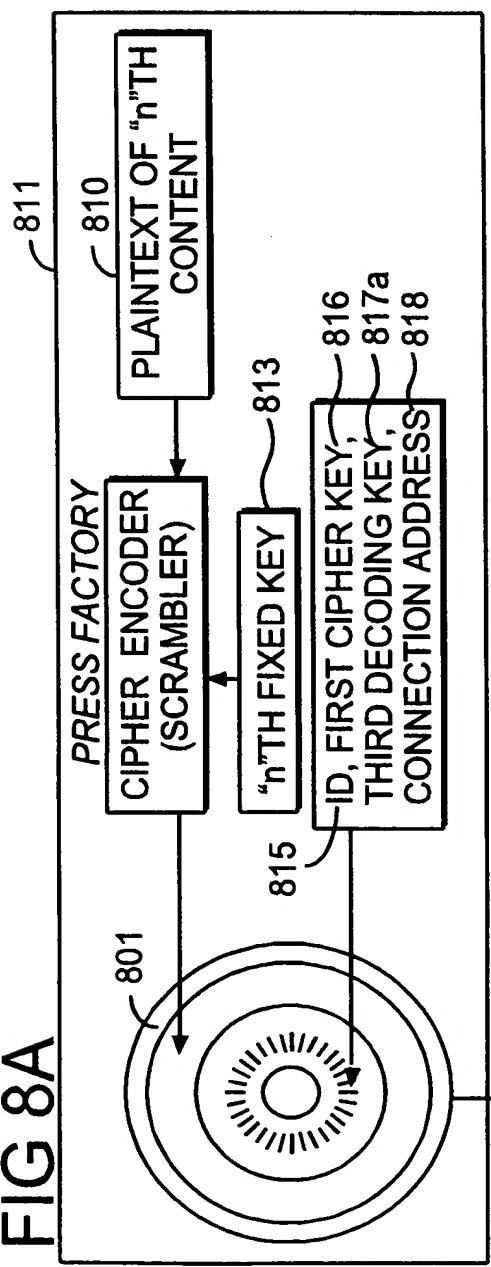
816e

816f

816g

816h

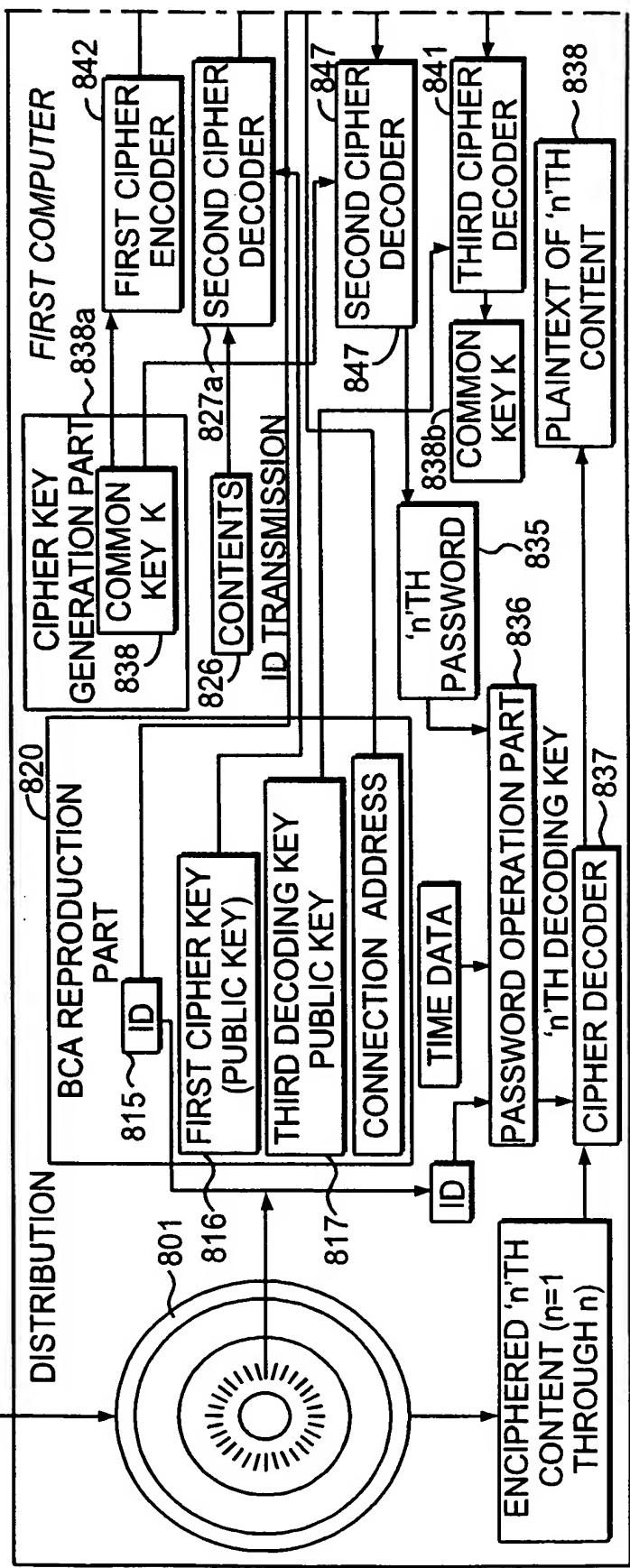
**FIG 8A**



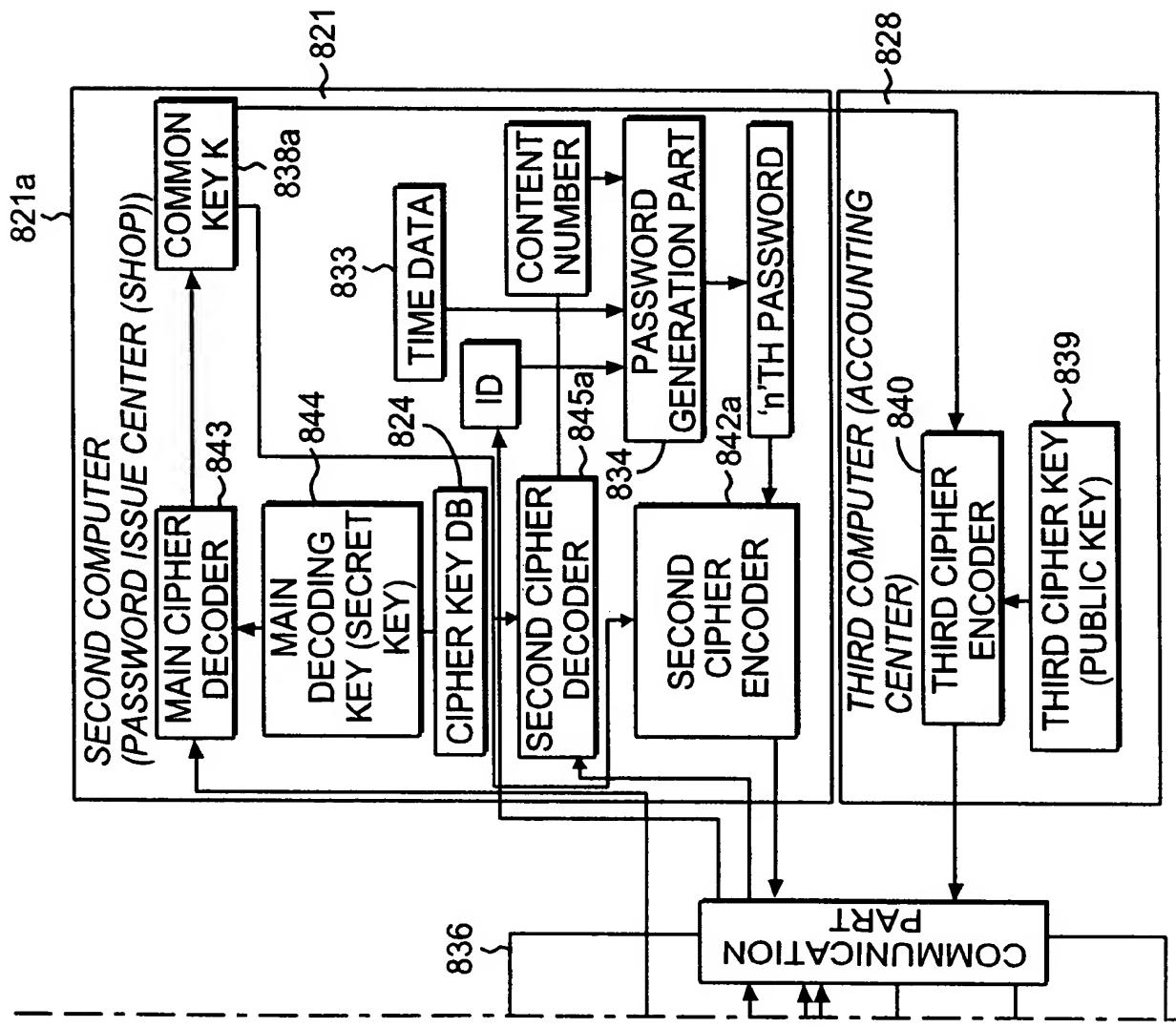
8  
FIG.

FIG. 8A FIG. 8B

100



**FIG 8B**



**FIG. 9A**

FIG. 9

FIG. 9A

FIG. 9B

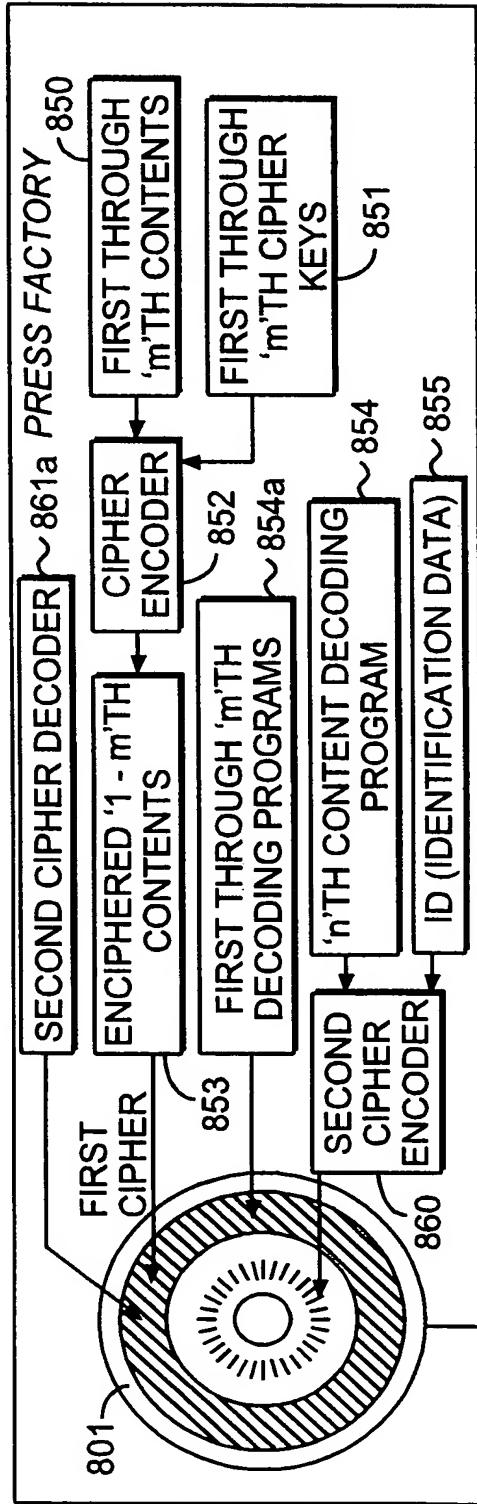
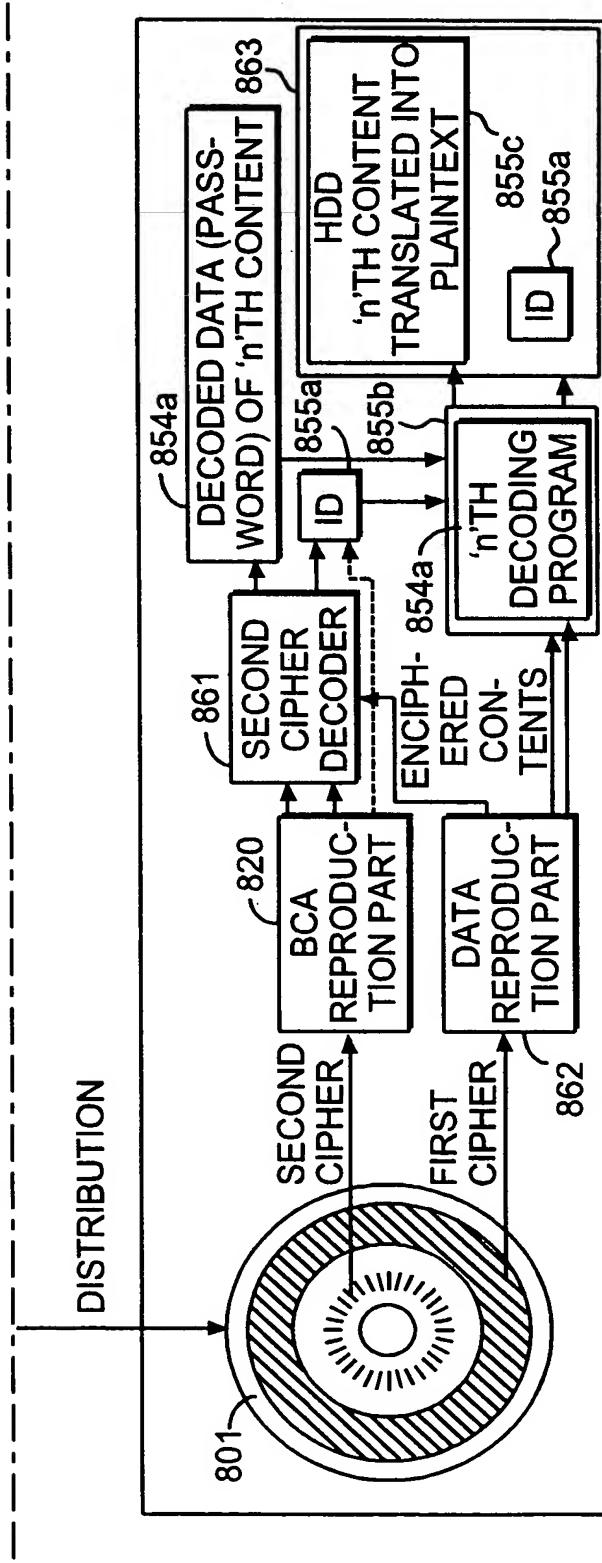
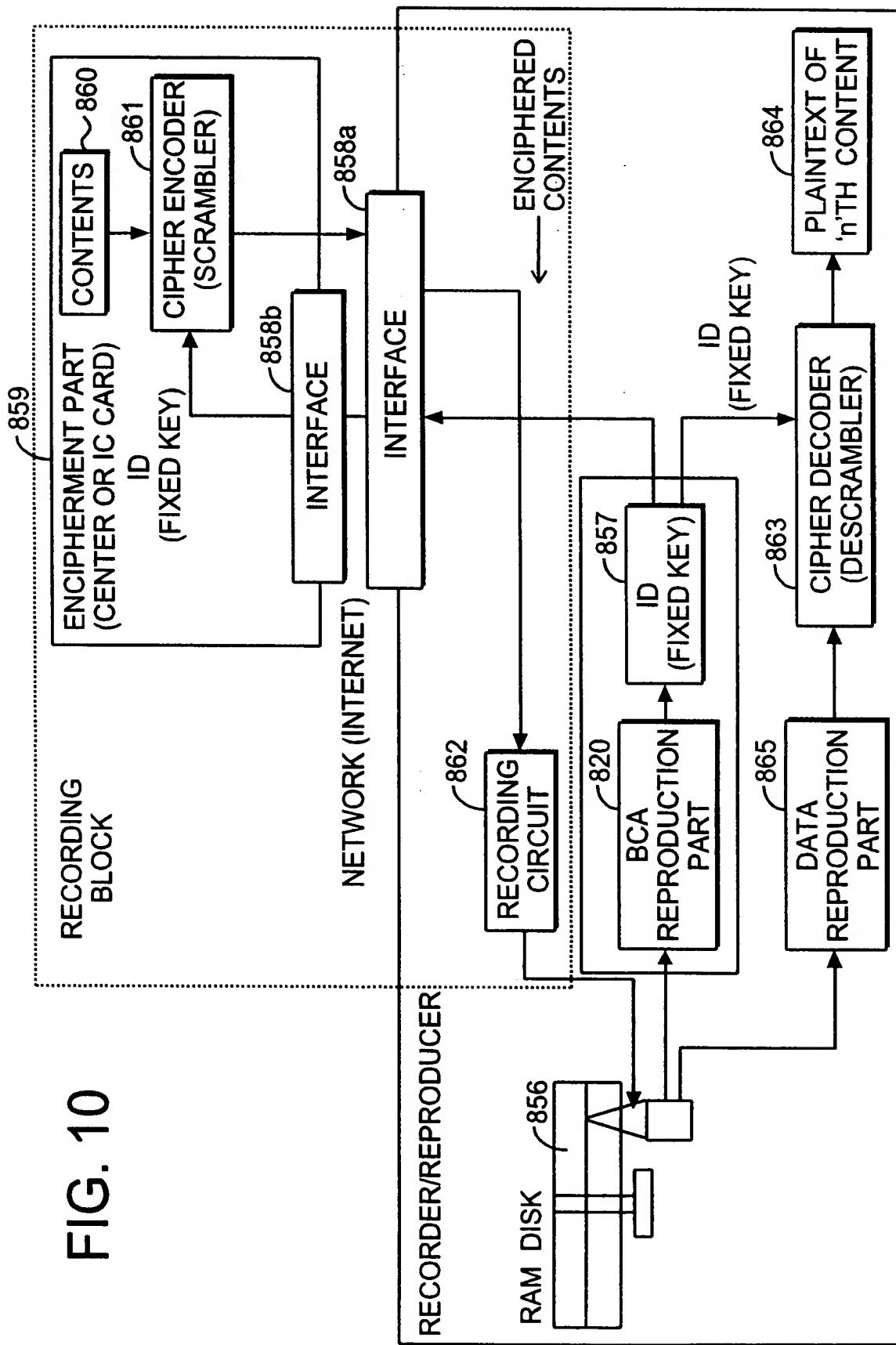


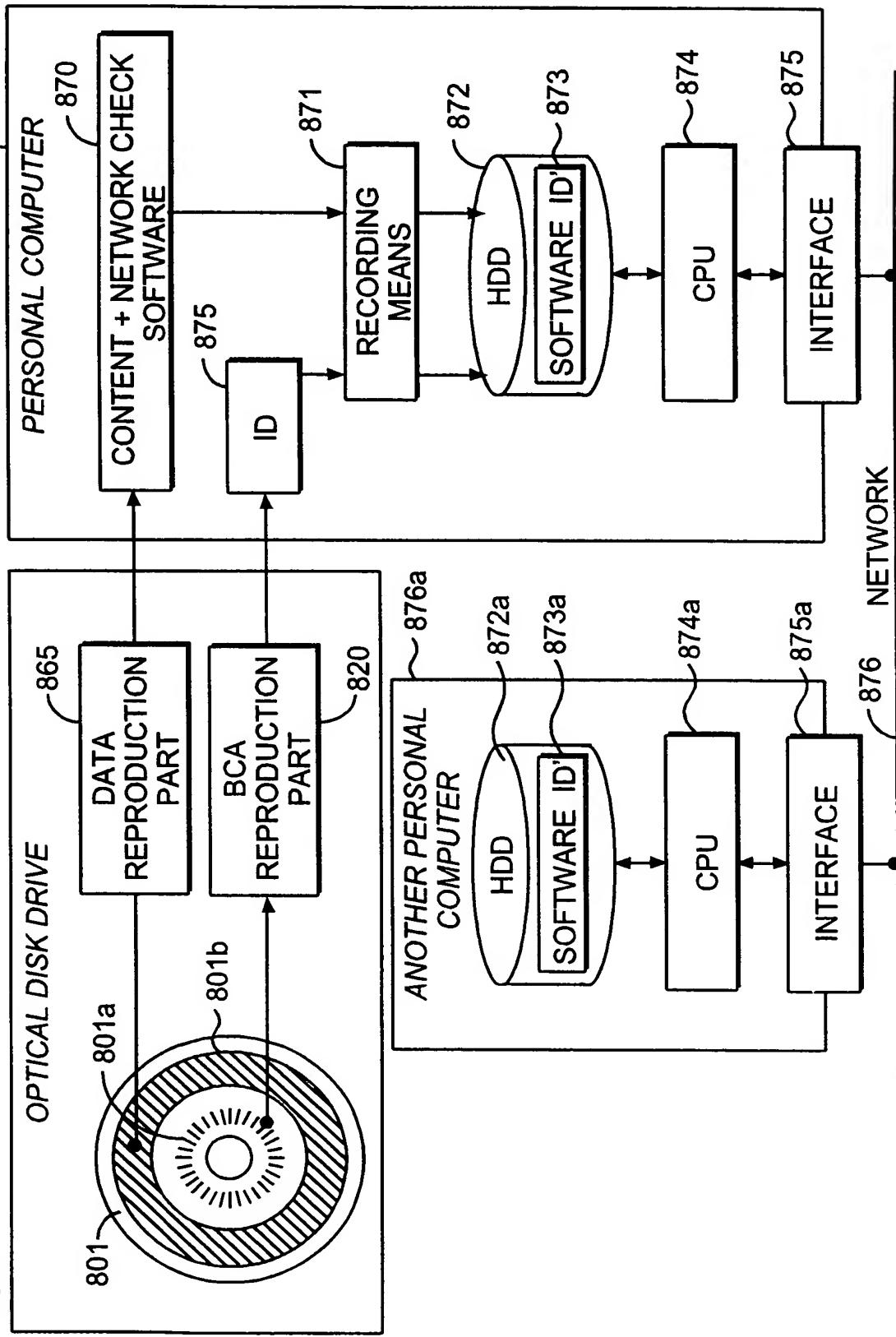
FIG. 9B



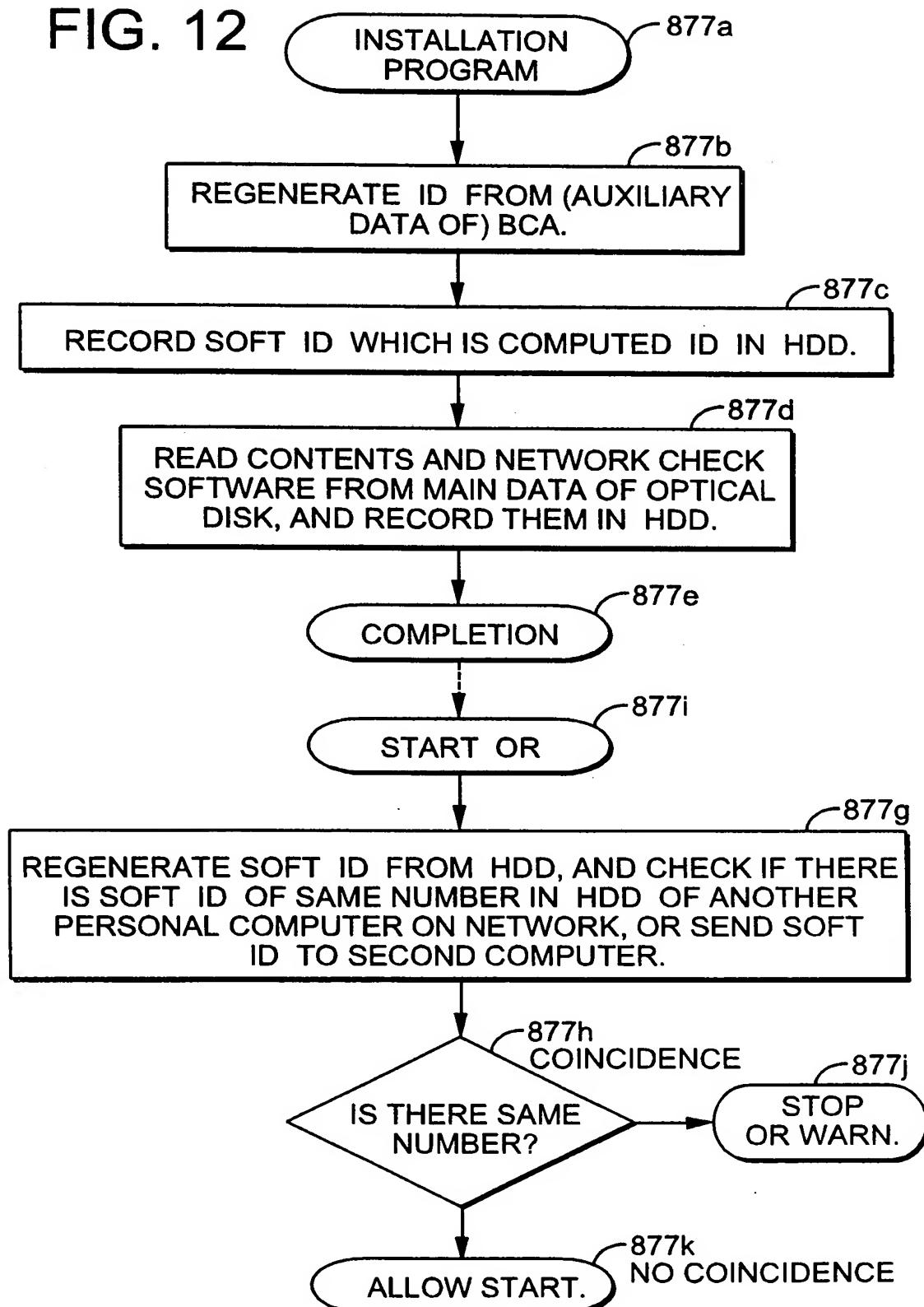
**FIG. 10**



**FIG. 11**

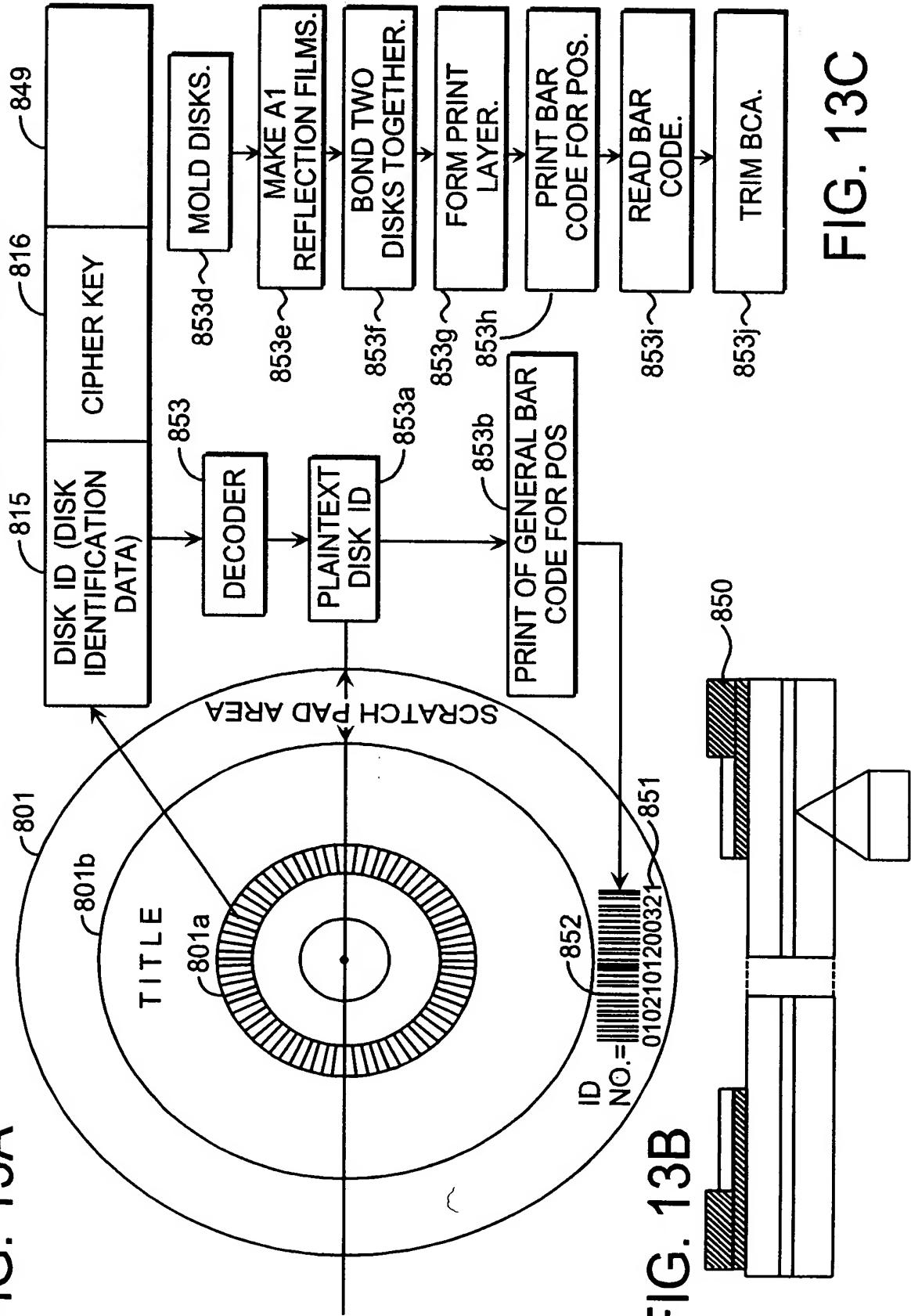


**FIG. 12**



**FIG. 13A**

BCA DATA STRUCTURE



**FIG. 14A**

ROM DISK

NOT  
REPRODUCED

**SELLING/RENTAL STORE**

**FIG.14**  
**FIG.14A|FIG.14B**

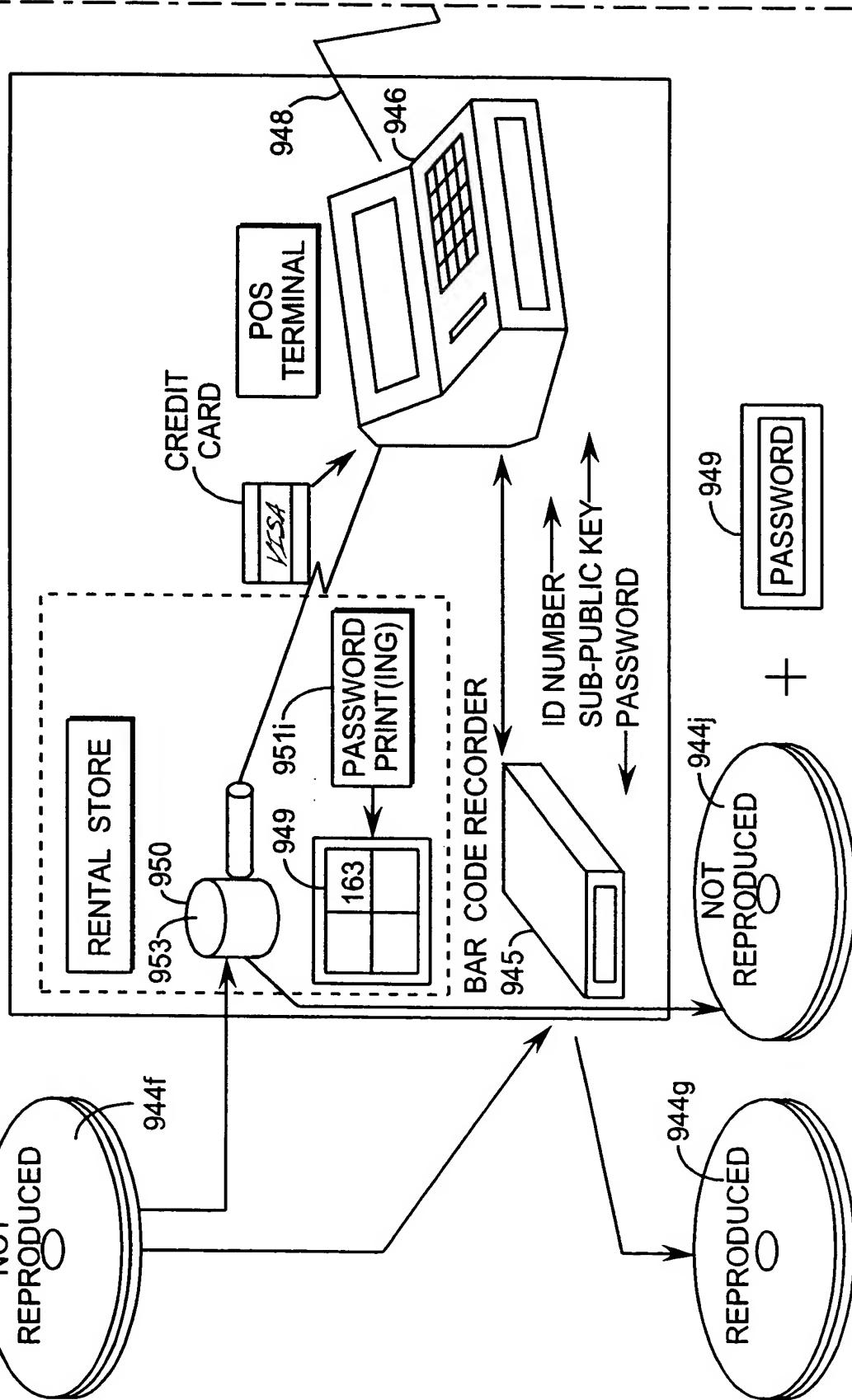
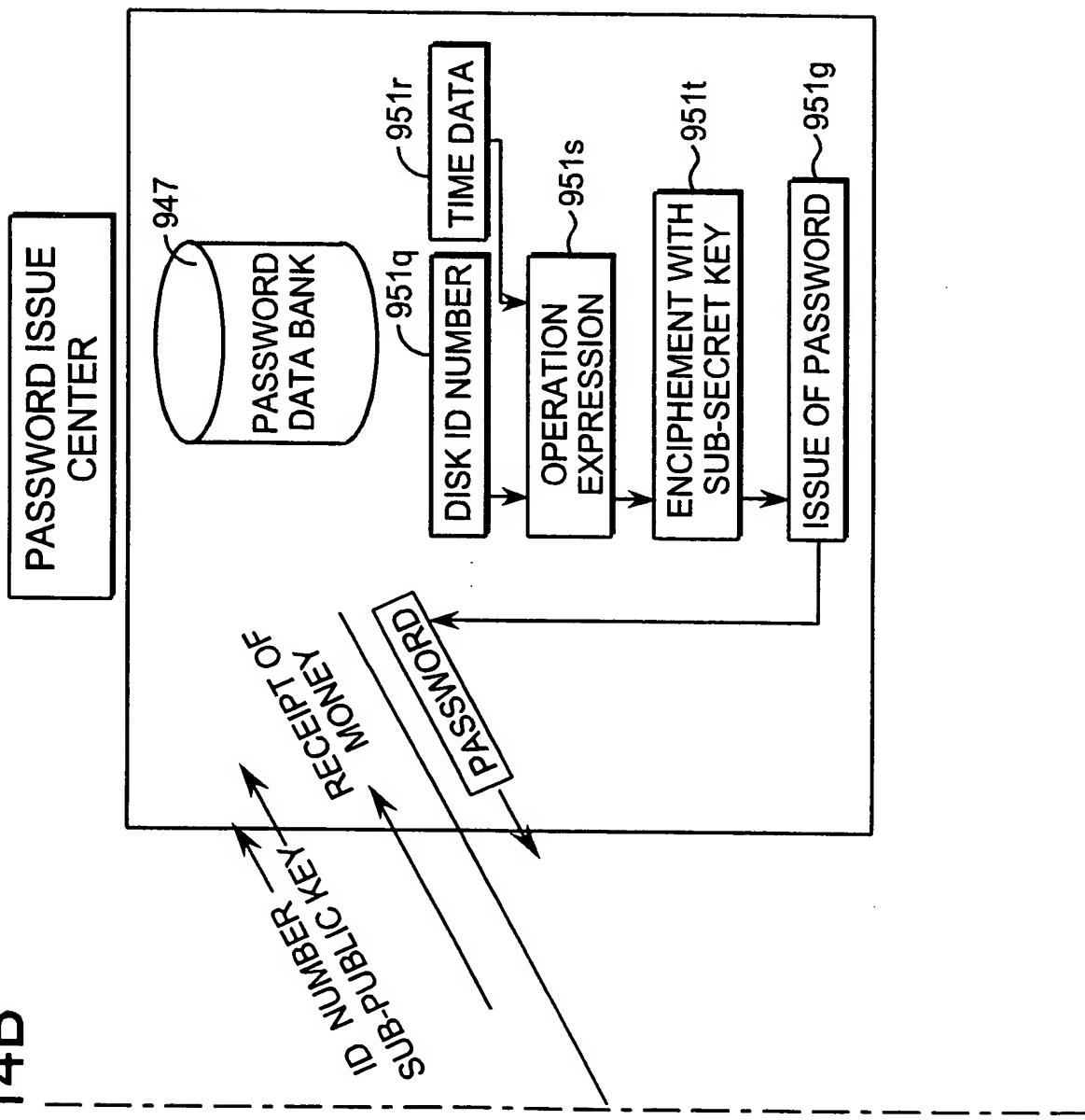
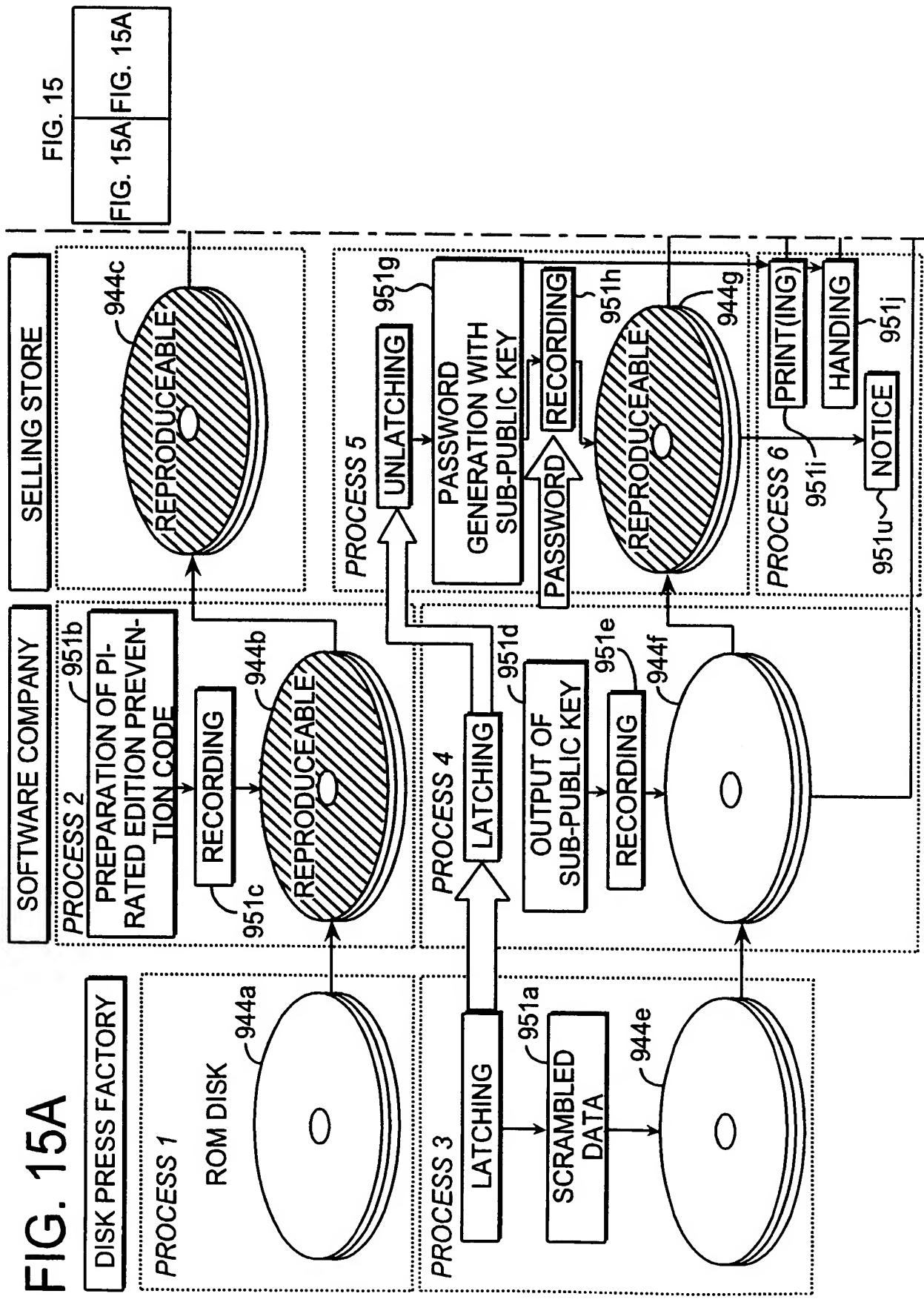


FIG. 14B



**FIG. 15A**

**FIG. 15B**

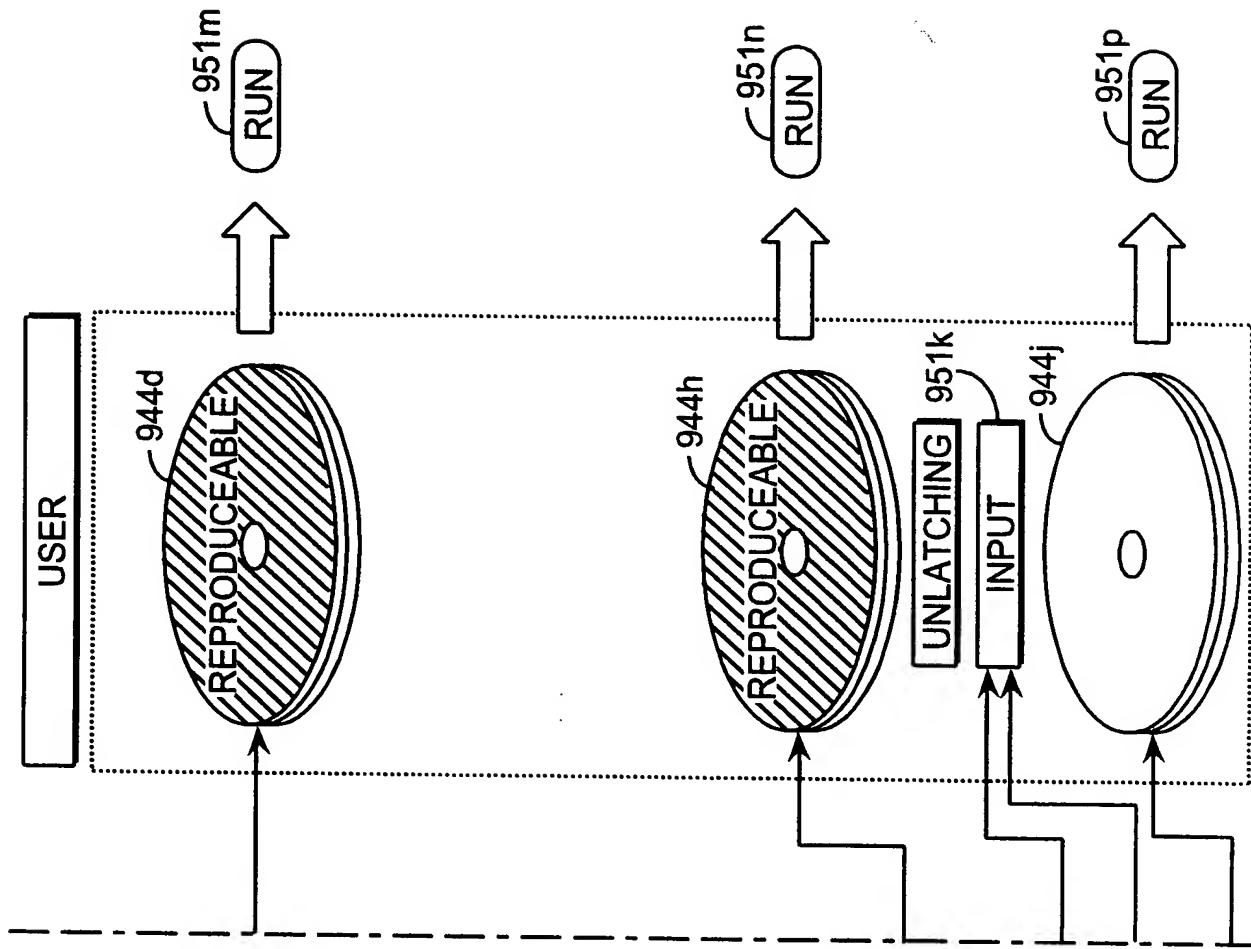
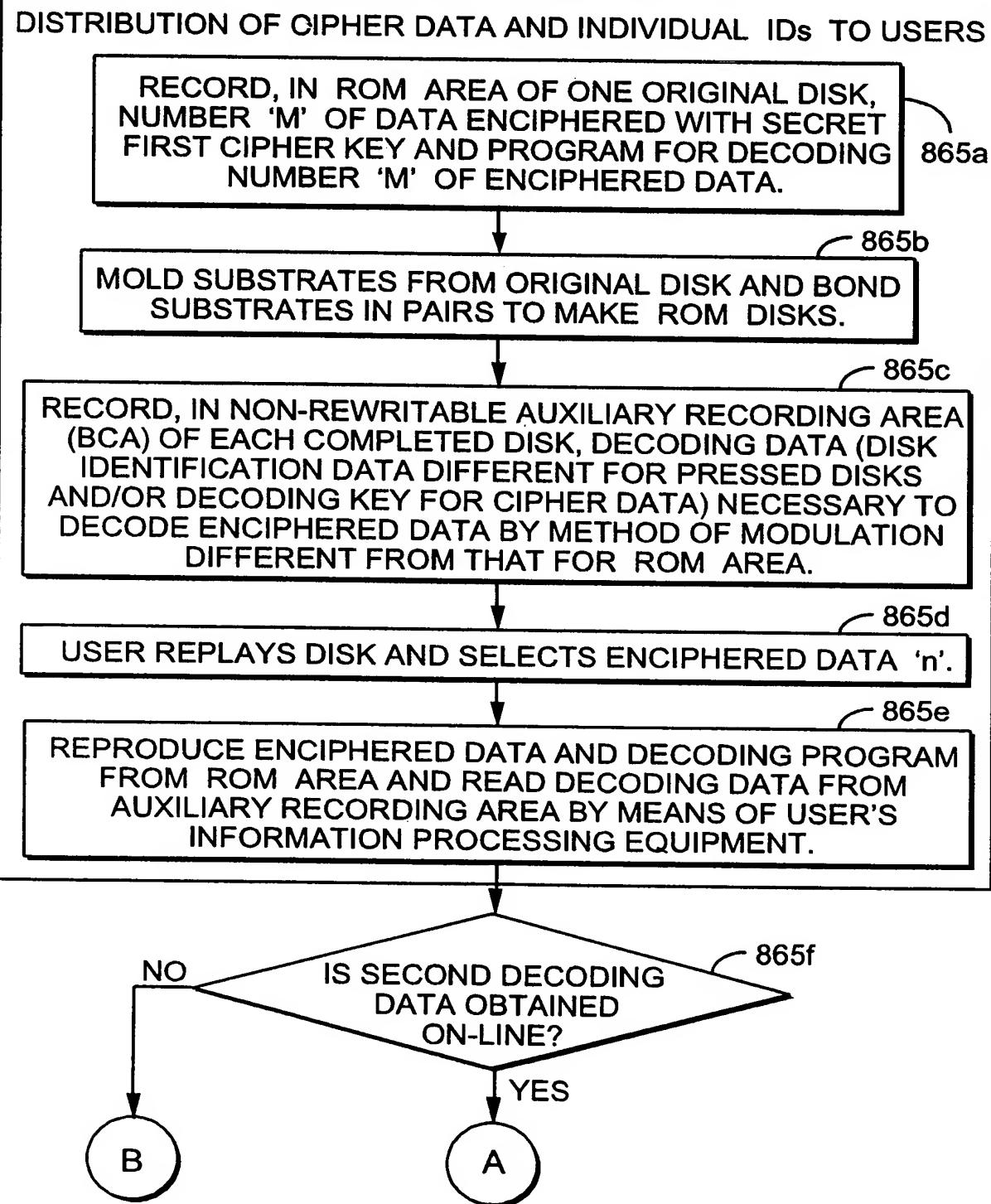
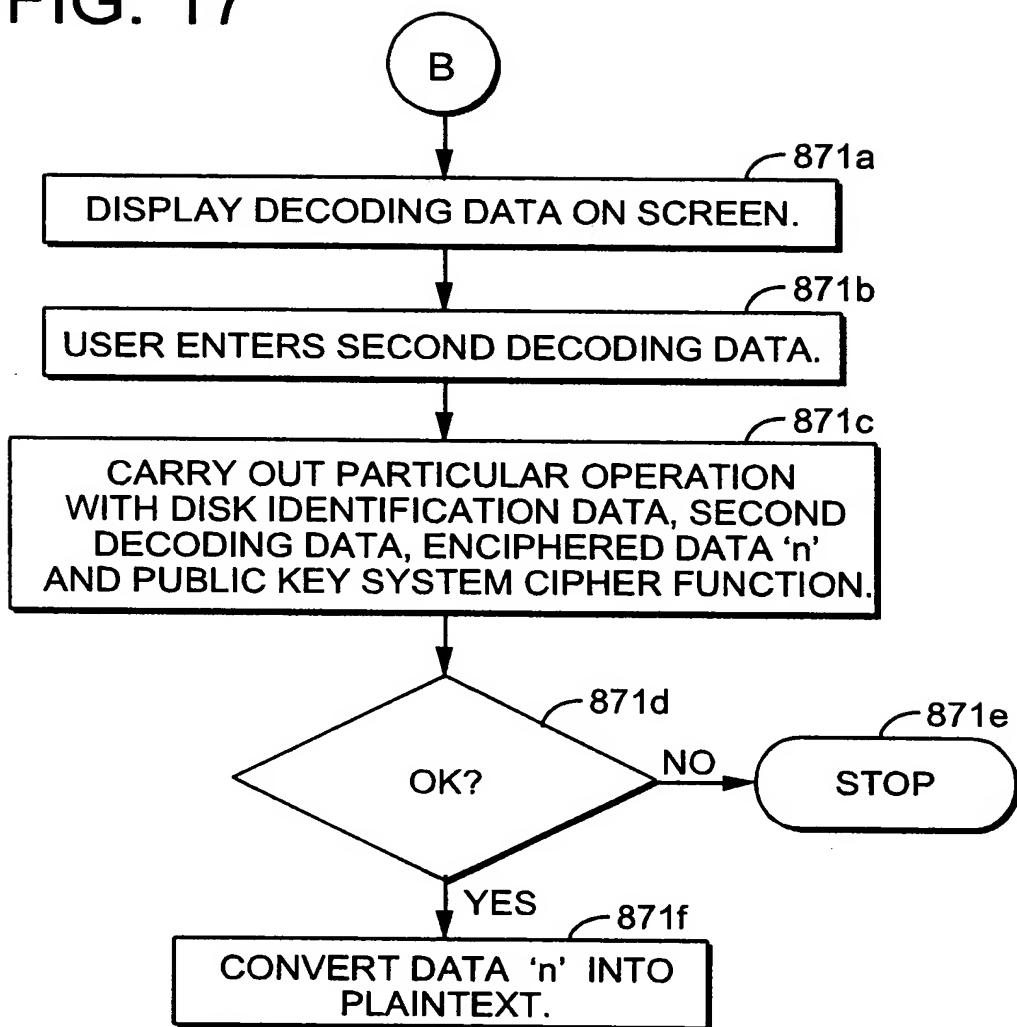


FIG. 16

METHOD OF DECODING CIPHER DATA



**FIG. 17**



**FIG. 18**

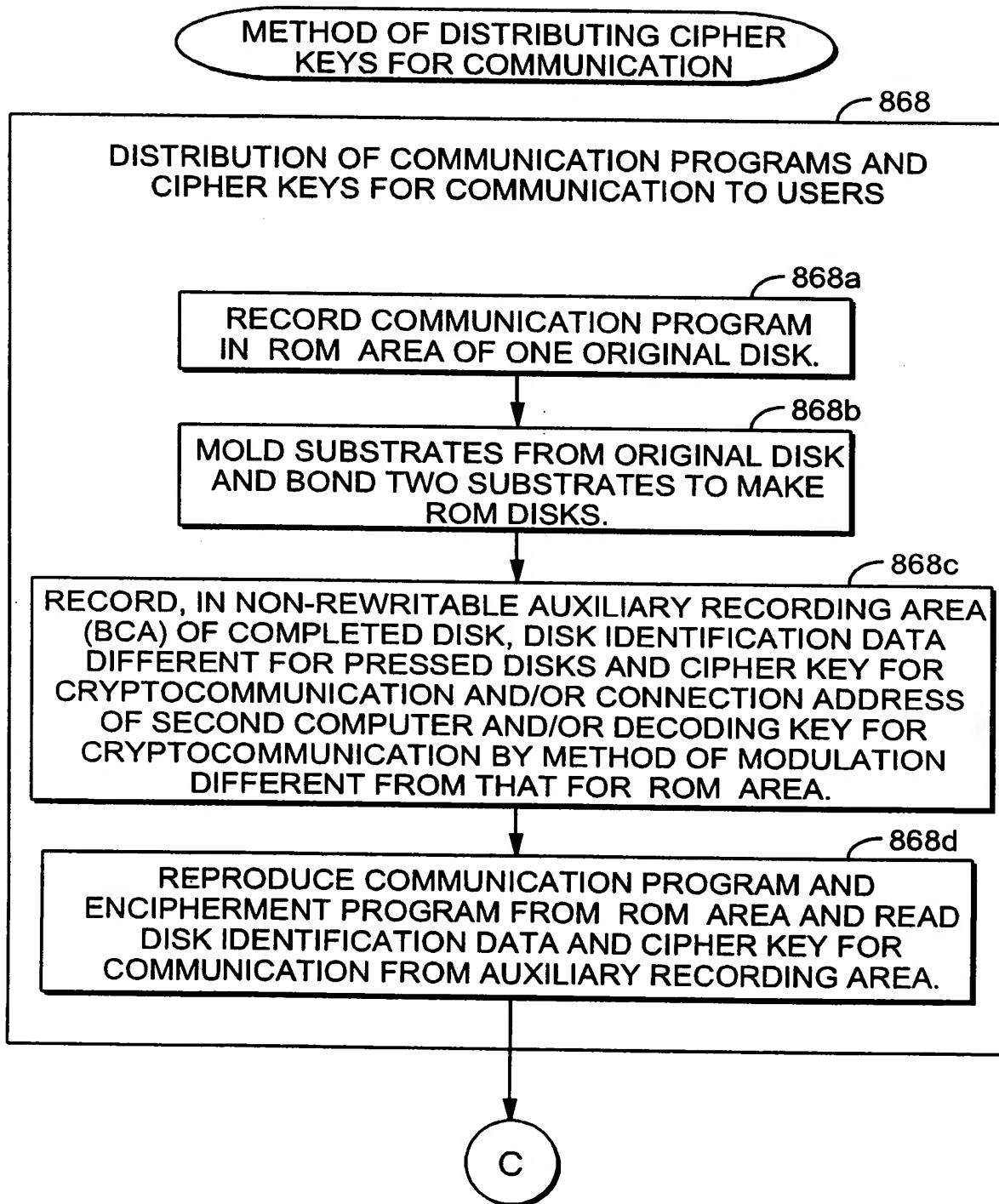
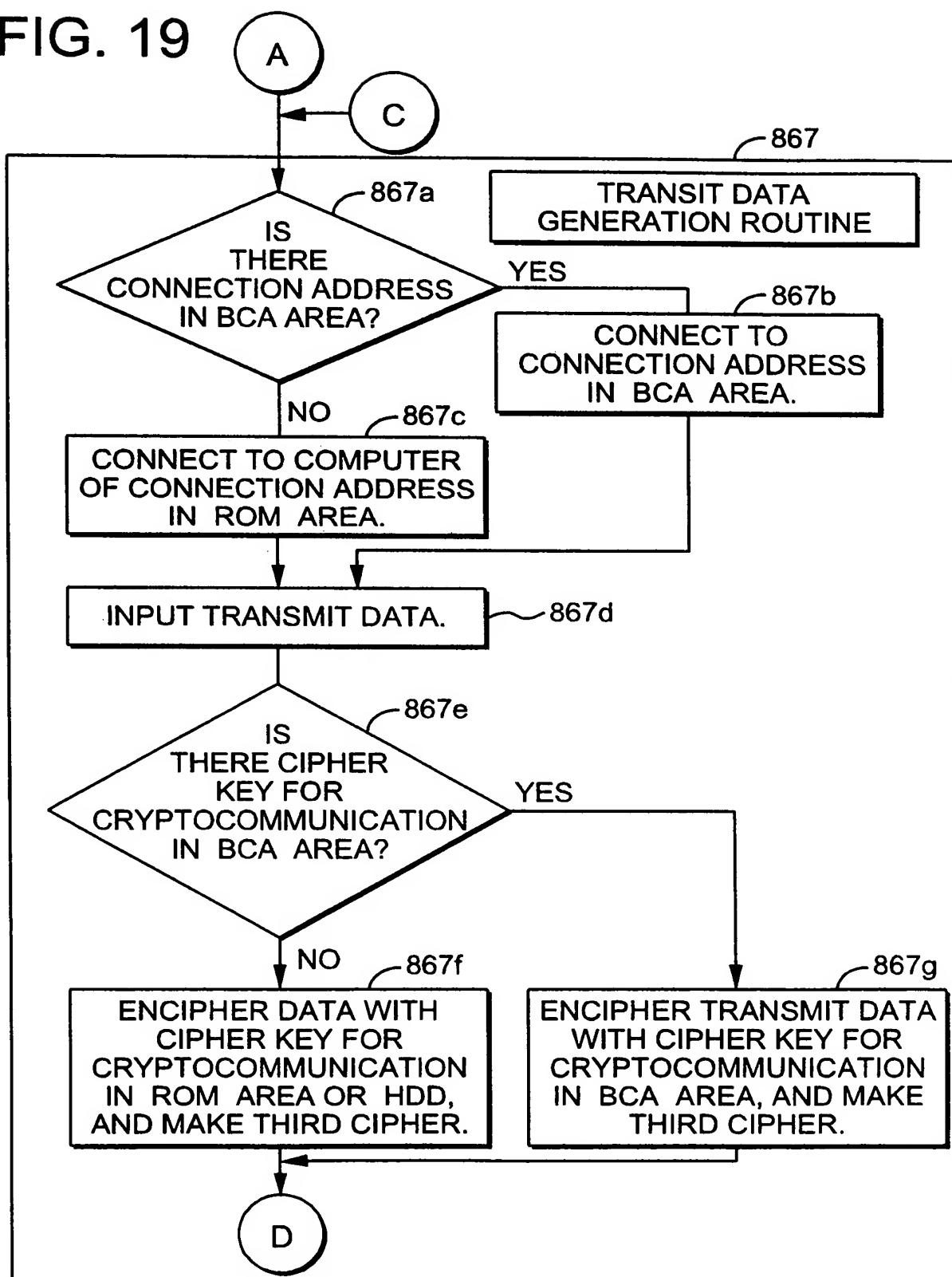
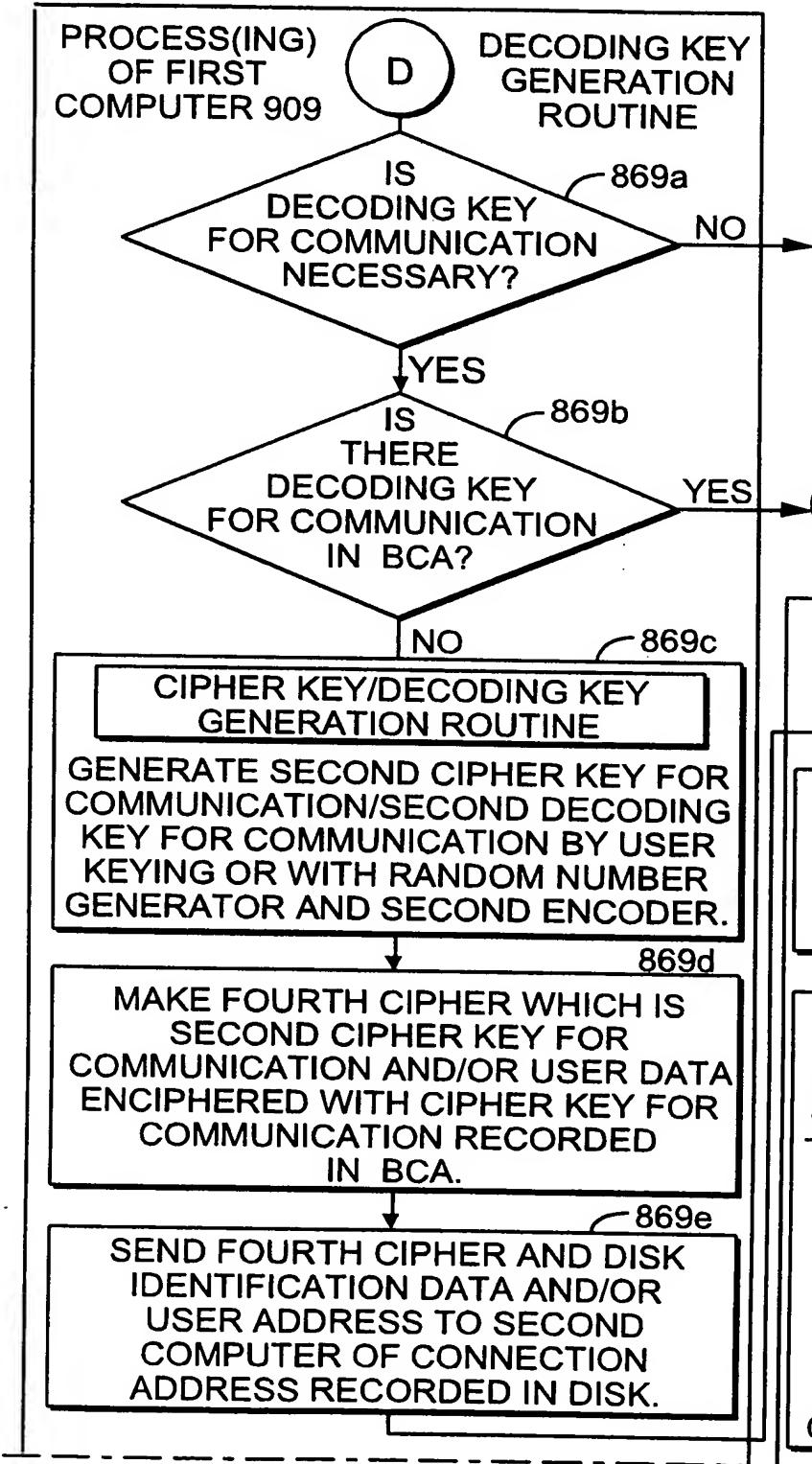


FIG. 19



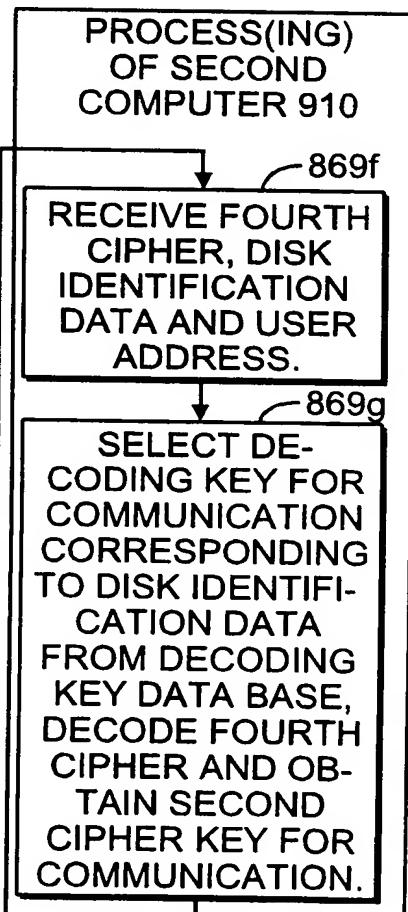
**FIG. 20A**



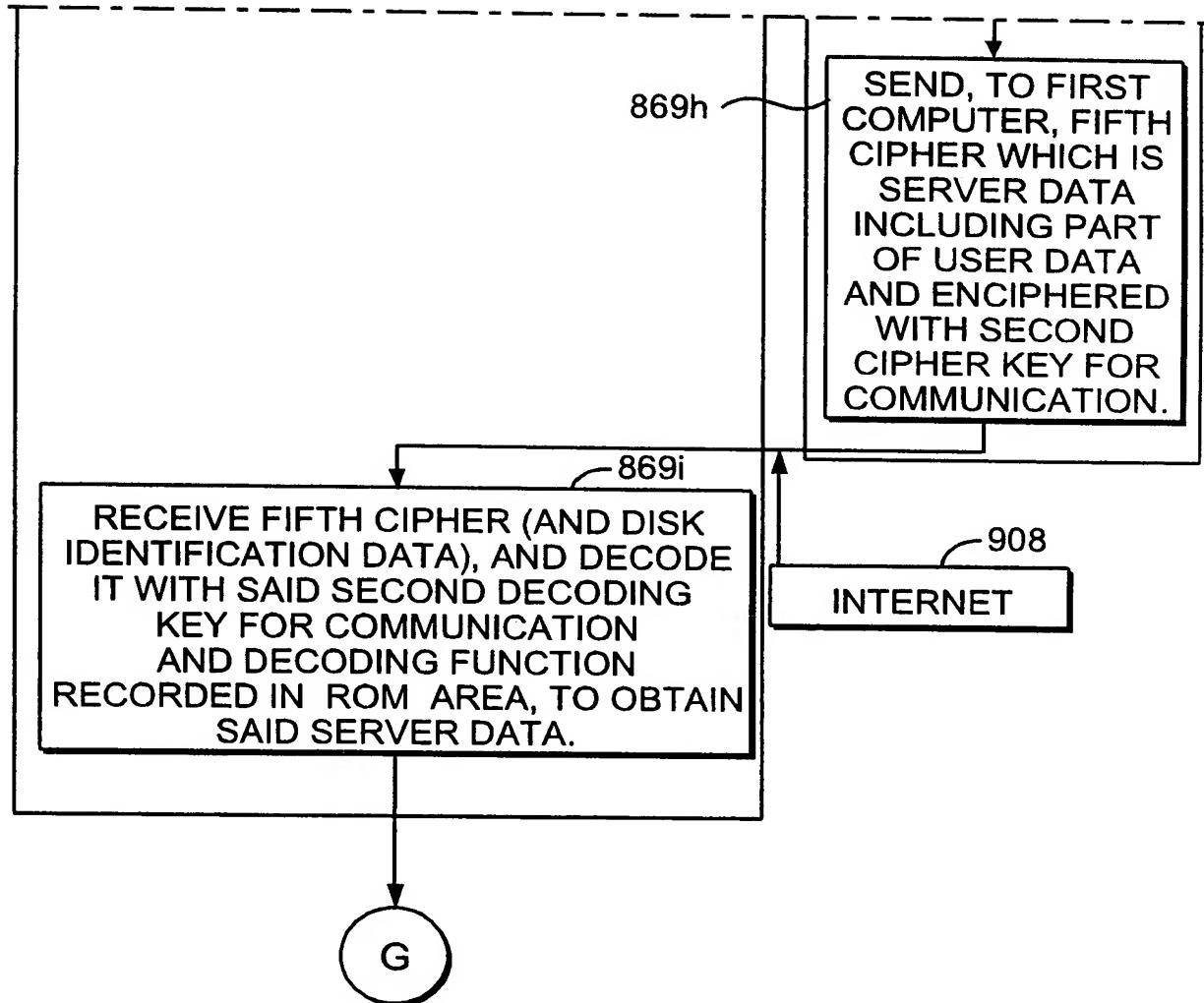
**FIG. 20**

**FIG. 20A**

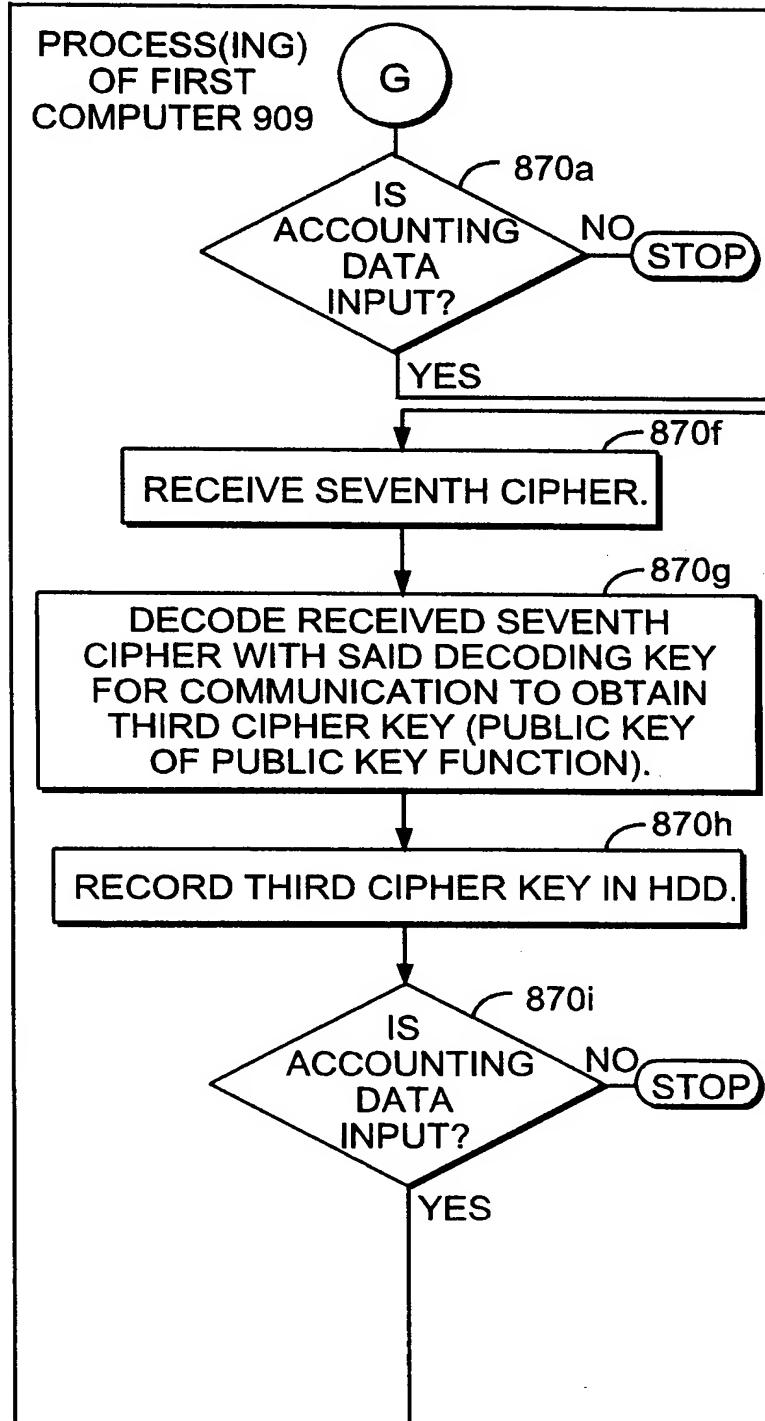
**FIG. 20B**



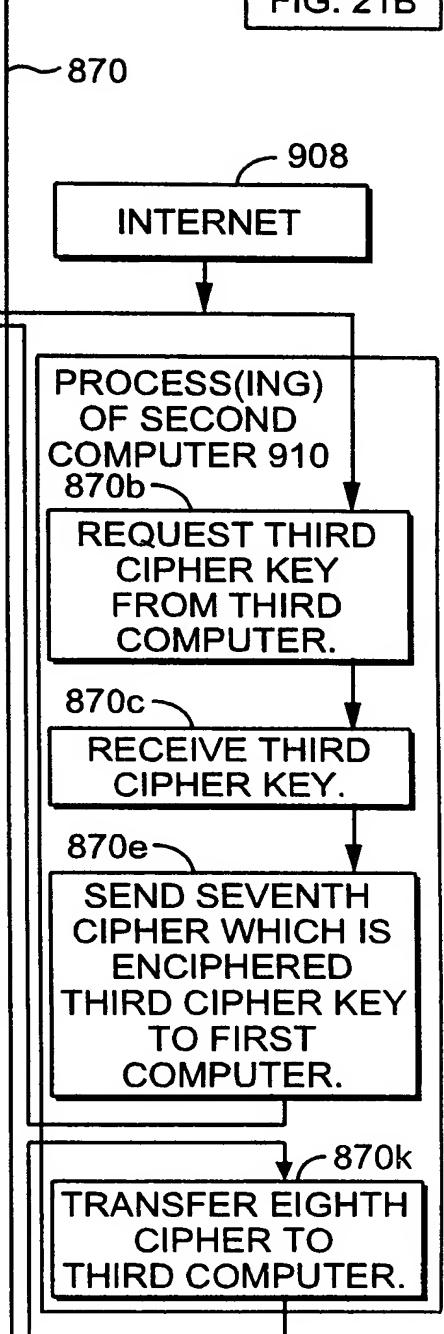
**FIG. 20B**



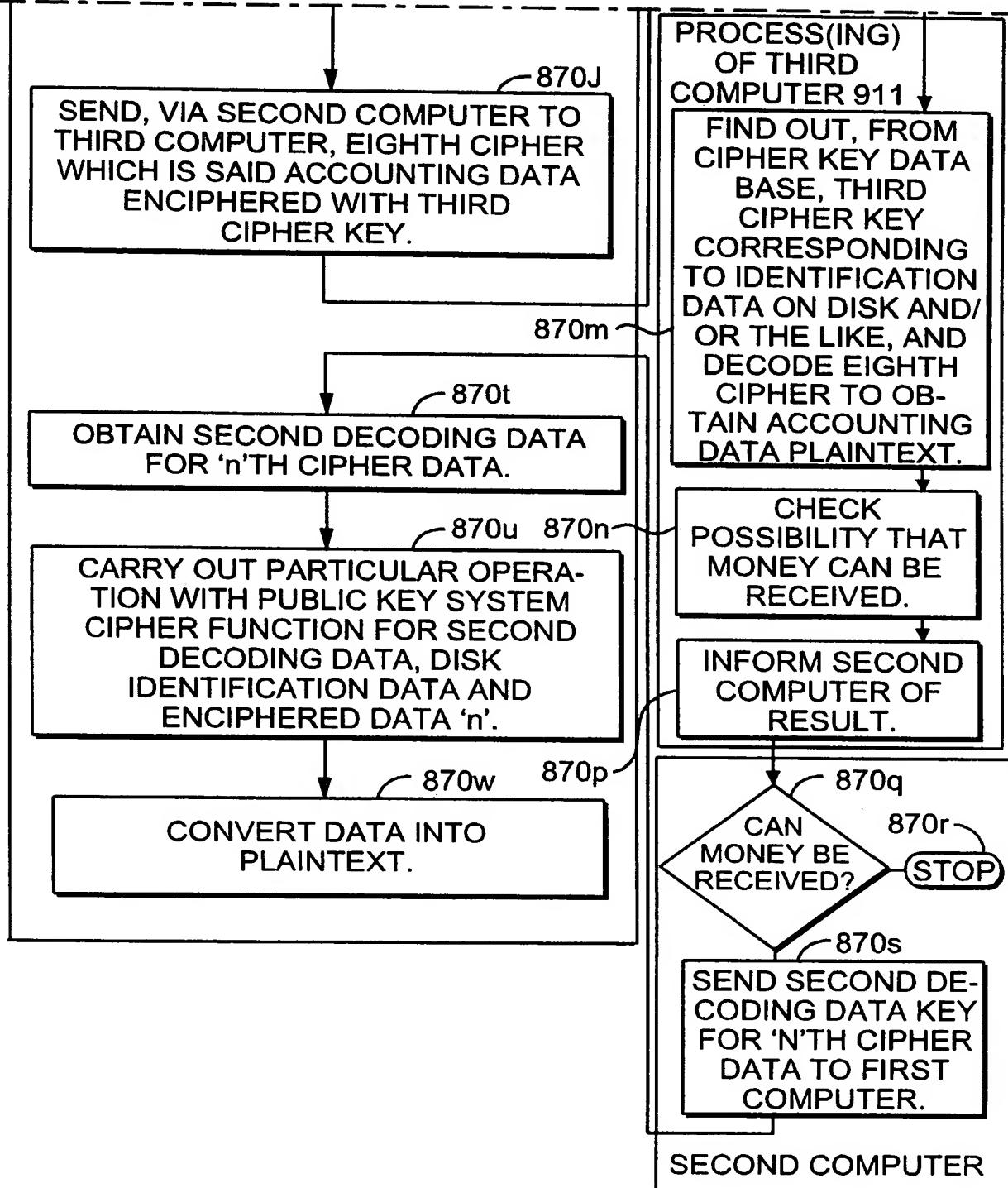
**FIG. 21A**



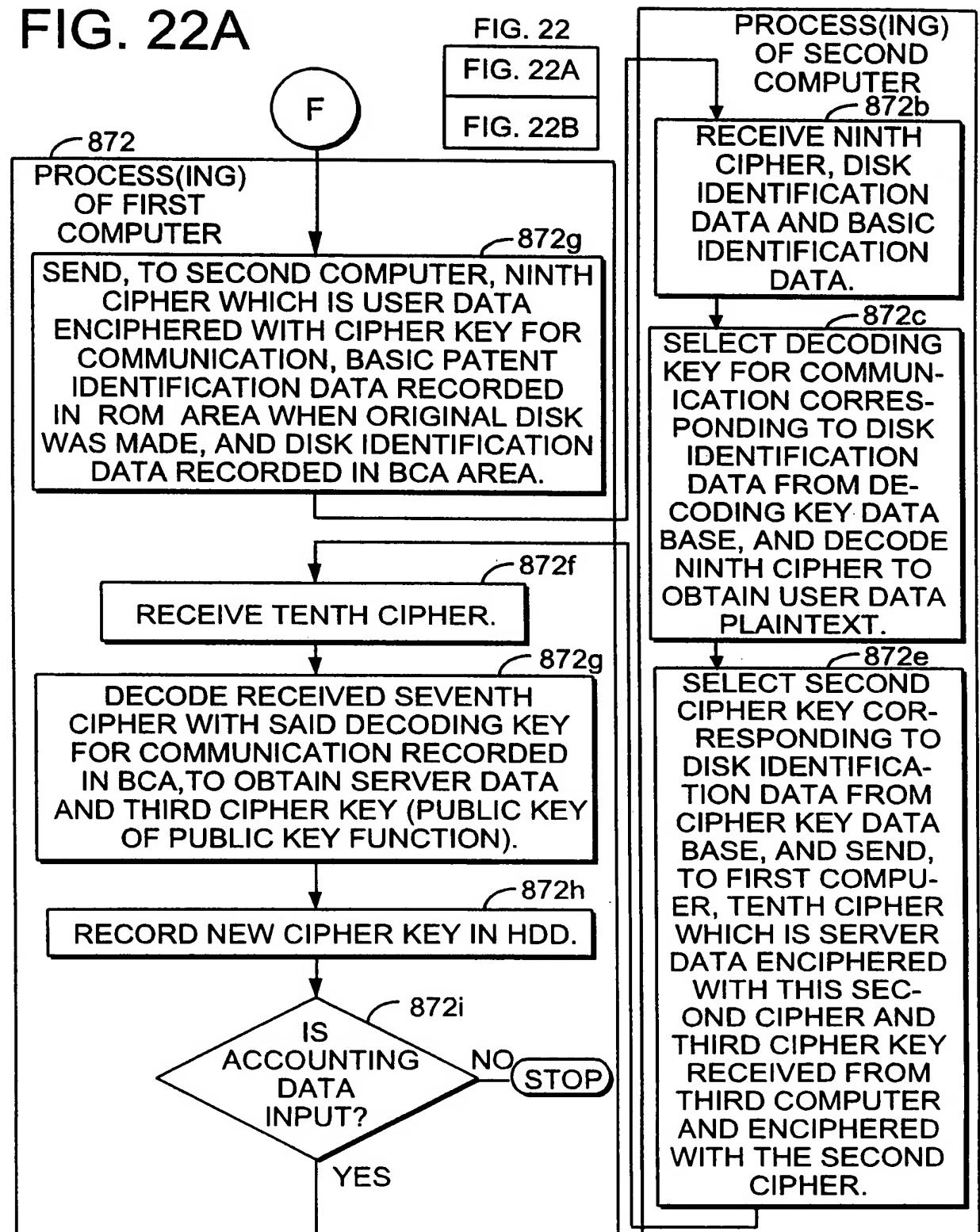
**FIG. 21  
FIG. 21A  
FIG. 21B**



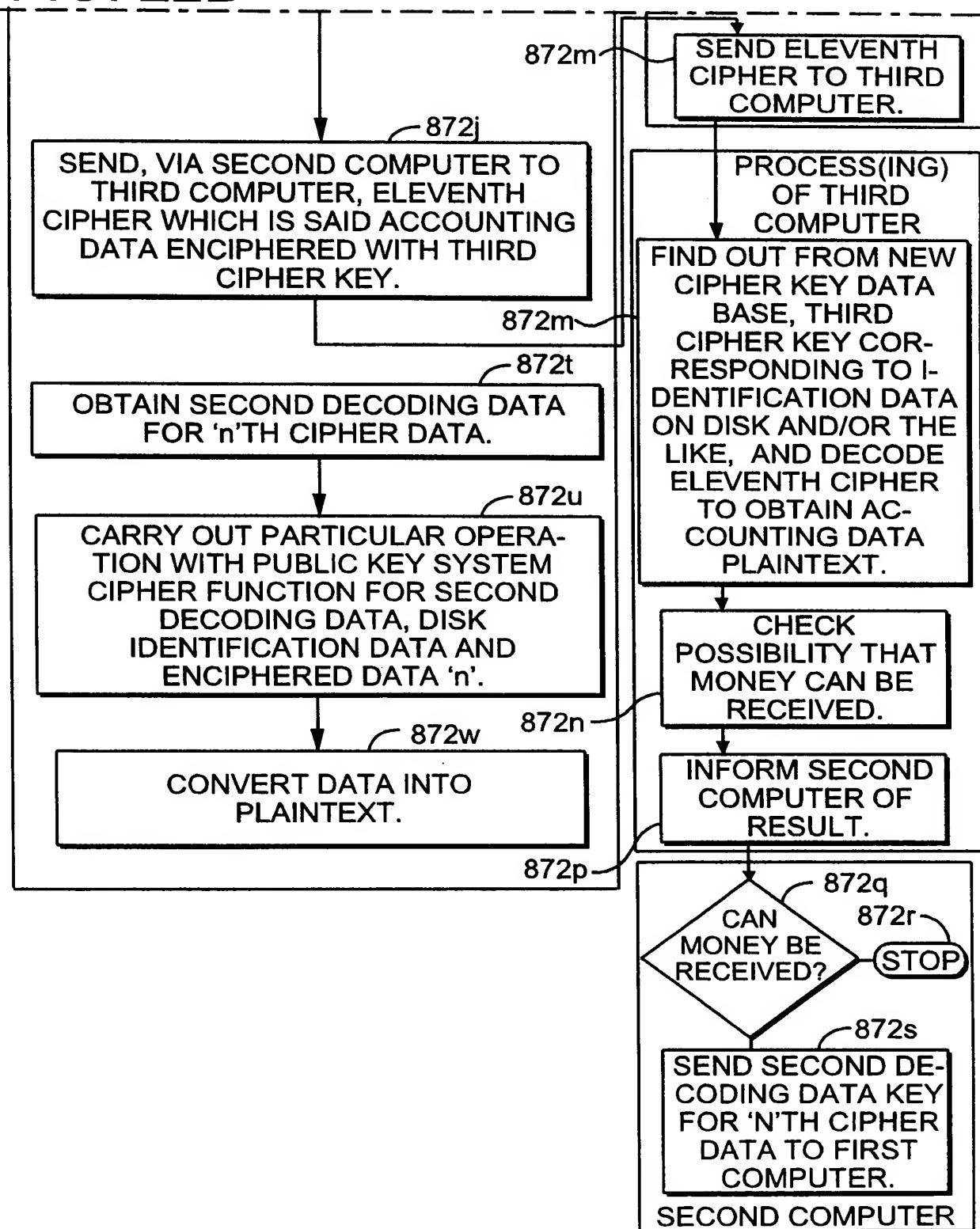
**FIG. 21B**



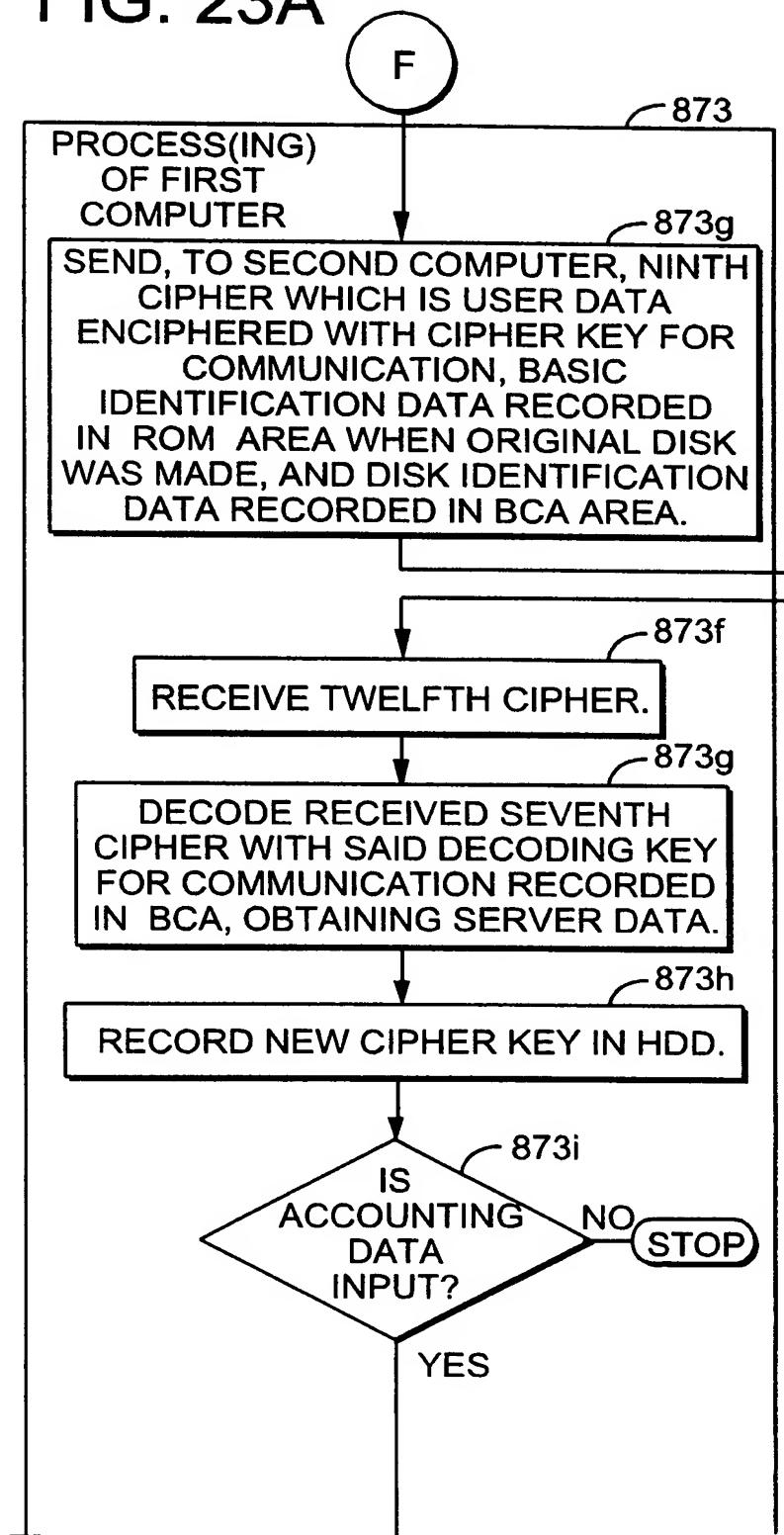
**FIG. 22A**



**FIG. 22B**



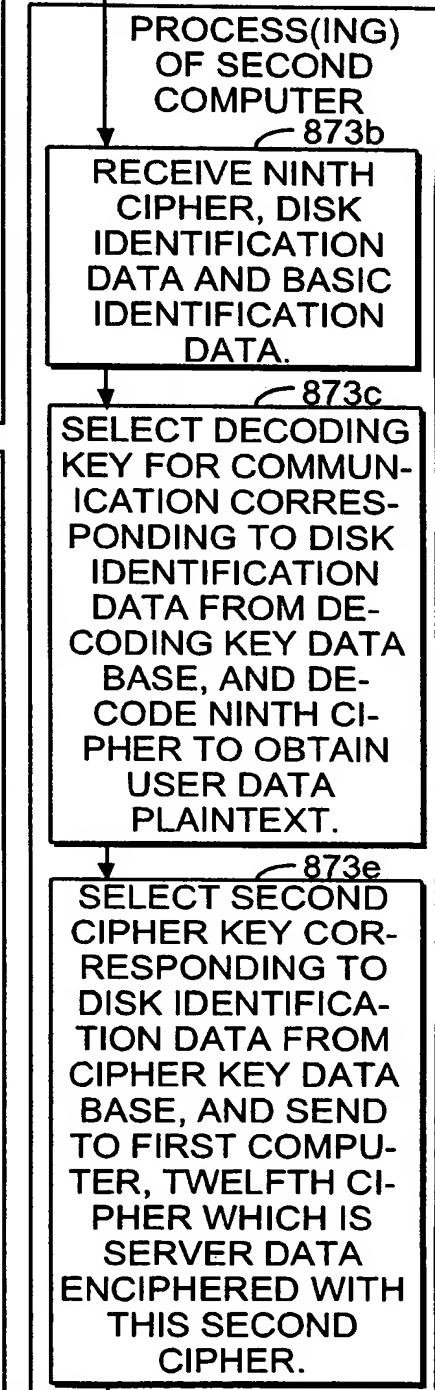
# FIG. 23A



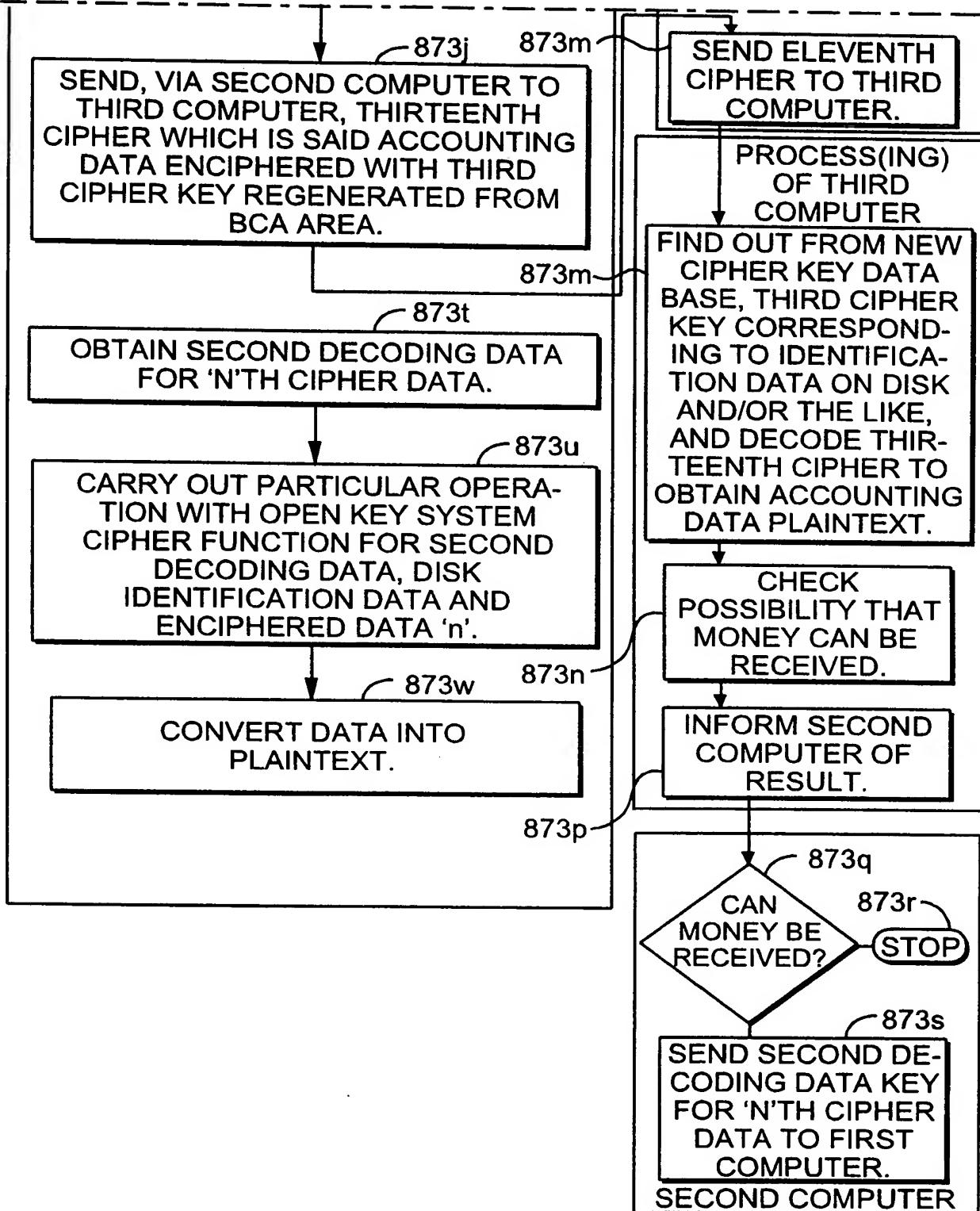
# FIG. 23

FIG. 23A

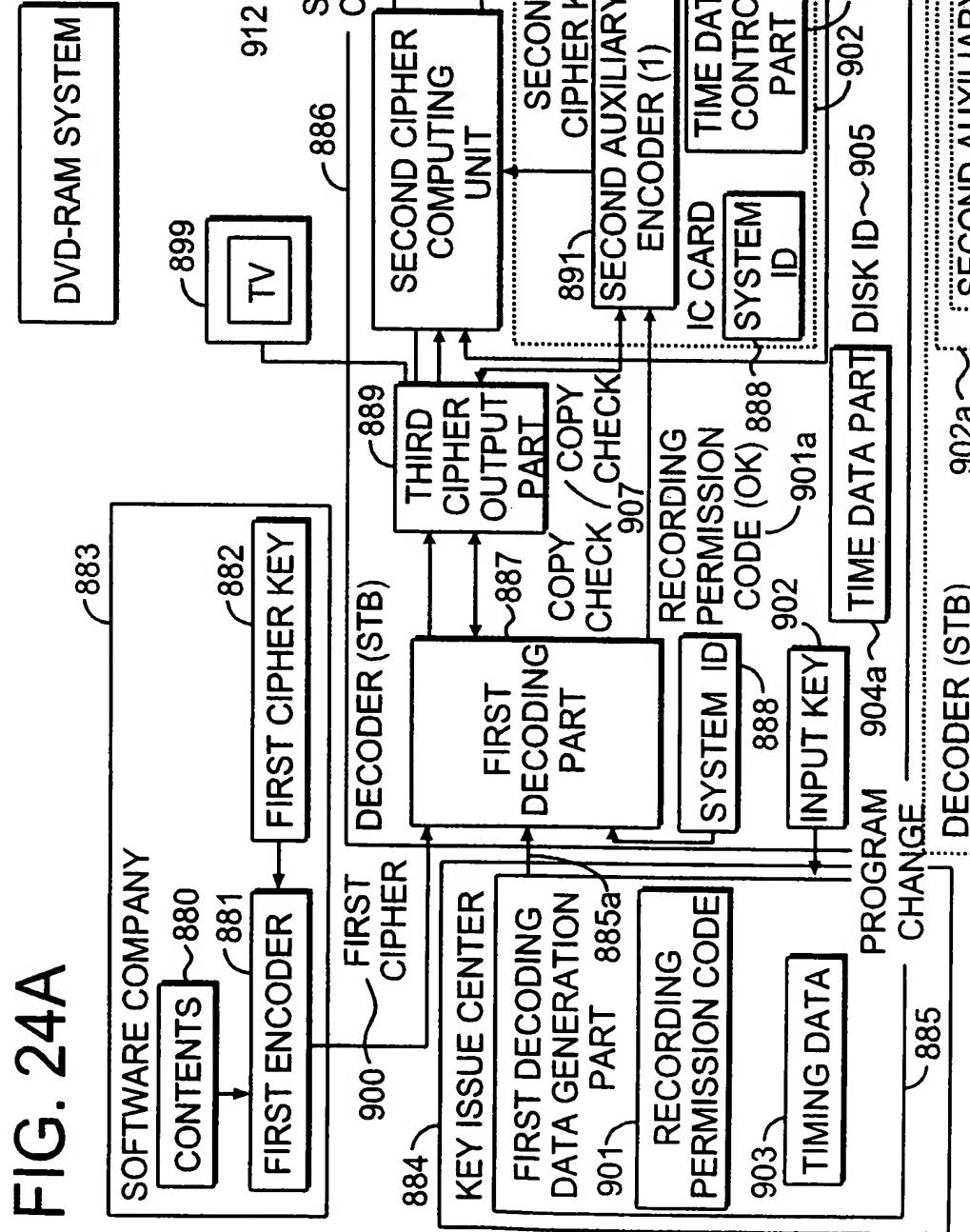
FIG. 23B



**FIG. 23B**



**FIG. 24A**



**FIG. 24**

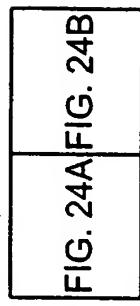


FIG. 24B

